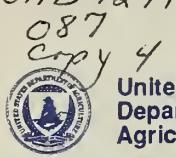


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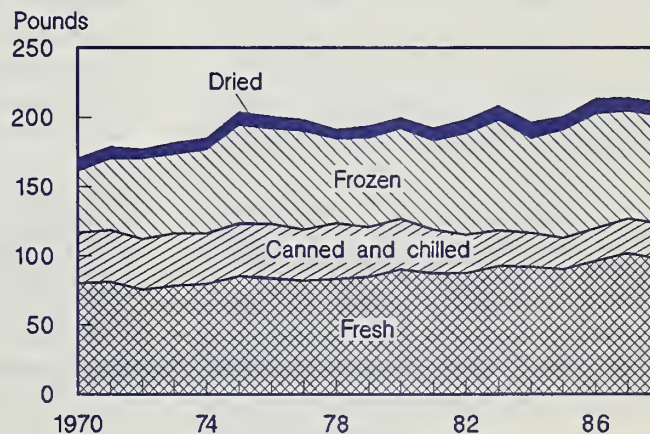
Economic
Research
Service

TFS-250
August 1989

Fruit and Tree Nuts

Situation and Outlook Yearbook

Per Capita Fruit Consumption



Fresh-equivalent basis. Canned and chilled includes fruit and juices.
Frozen includes fruit and juices. 1988 preliminary.

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Approved by the World Agricultural Outlook Board. Summary released Tuesday, August 1, 1989. The summary of the next *Fruit and Tree Nuts Situation and Outlook* is scheduled for release September 7, 1989. Summaries and full Situation and Outlook reports, including tables, may be accessed electronically through the USDA EDI System. For details, call (202) 447-5505.

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1608, Rockville, MD 20849-1608. Or call, toll free, 1-800-999-6779 (weekdays, 8:30-5:00 ET). Rates: 1 year \$10, 2 years \$19, 3 years \$27. Foreign customers add 25 percent for subscriptions mailed outside the United States. Make checks payable to ERS-NASS. Single copies are available for \$5.50 each.

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Dr. Ben Huang announced his retirement from the Economic Research Service (ERS) effective July 28, 1989. Dr. Huang joined ERS in 1967 and has been a principal author of the *Fruit and Tree Nuts Situation and Outlook Report* since 1973. Over the years with the ERS, Dr. Huang provided economic data, outlook, and analysis on the U.S. and world fruit and tree nut industries to government policy makers, researchers, industry leaders, and the general public. His depth of understanding of the fruit and tree nut industries will be sorely missed among his colleagues in and out of ERS. Our best wishes go with Ben in his retirement.

Summary

Fruits

Fruit Production Down Fractionally

U.S. utilized fruit production totaled 28.6 million short tons in 1988, up 1 percent from 1987, as the larger citrus crop more than offset the smaller noncitrus crop. U.S. citrus production continues to recover from the early 1980's freezes in Florida and Texas.

The 1987/88 citrus crop was estimated at 12.7 million short tons, up almost 6 percent from 1986/87. Larger crops of oranges, grapefruit, tangelos, and temples more than offset decreased production of lemons, limes, and tangerines. Although the citrus crop was the largest since 1982/83, it was still sharply below the record 16.5 million short tons in 1979/80.

U.S. citrus bearing acreage continued to rise in 1987/88, with oranges leading the increase. Grapefruit, lime, and temple acreage posted slight increases, but lemon and tangelo acreage fell fractionally. Tangerine acreage has remained unchanged. Citrus acreage is not expected to return to 1974/75's record high 1.2 million for many years.

Utilized production of noncitrus fruit (including strawberries) in 1988 amounted to 15.8 million short tons, off 1 percent from 1987. Early spring frost, high temperatures, drought, hail storms, and tree stress from the previous year's bumper crop all contributed to a smaller harvest of many noncitrus fruits. The greatest decreases were in apples, pears, pineapples, and California plums and prunes, which more than offset increases in cranberries, grapes, peaches, and strawberries. Although bearing acreage decreased slightly in 1988, yield per acre fell slightly below 1987. Reduced acreage was reported for grapes, peaches, and tart cherries.

Grower Prices Steady But Retail Prices Strong

Despite larger production in 1988, the index of prices received by growers for fresh and processing fruit remained unchanged from 1987. Noncitrus fruit prices were below a year ago, while citrus fruit prices remained strong. However, higher marketing costs and strong demand kept retail fruit prices firm. Retail prices of fresh fruit averaged 8 percent above 1987, due primarily to high banana prices. Retail prices of processed fruit also rose, with higher prices recorded for all items.

Citrus for Processing Use Up

Primarily because of the substantially larger Florida orange crop, the volume and share of citrus production used for processing during 1987/88 were up moderately from 1986/87. U.S. oranges for processing use totaled 6.5 million short tons in 1987/88, up 15 percent from 1986/87, and consequently,

the proportion of oranges used for processing rose from 73 percent in to 76. Although U.S. grapefruit used for processing rose 5 percent, the share of production fell from 54 percent to 52 percent. A sharply smaller 1987/88 lemon crop caused processing use to drop well below a year earlier.

There were some changes in the relative importance of processing uses for different products. The quantities of Florida oranges processed (includes tangelos, temples, tangerines, and K-early citrus) were up for frozen concentrated orange juice (FCOJ) and chilled products, but fell for other products, including cannery juice, blends, and sections and salads. The proportion used for chilled products increased, while that for FCOJ and other products declined.

Florida grapefruit used for processing totaled 31 million boxes, up almost 7 percent from 1986/87. Florida grapefruit used for frozen concentrated grapefruit juice totaled 27 million boxes, up almost 11 percent, and accounted for 87 percent of the grapefruit processed, versus 84 percent in 1986/87. Grapefruit used for both chilled juice and other processed products, including cannery juice, blends, and sections and salads, declined 14 percent, and their shares also fell.

Shares of Noncitrus Used For Fresh and Processing Steady

Smaller noncitrus production in 1988 resulted in reduced fresh and processing use from 1987, but the relative proportions of each only changed slightly. However, there were some shifts in the relative importance of canning, drying, freezing, crushing, and other types of processing (mainly brined).

Because of improved export and domestic demand for canned fruit, the share of deciduous fruit used for canning has risen. In 1988, canning accounted for almost 26 percent of processing use of noncitrus fruit, compared with 24 percent in 1987. Likewise, greater use of grapes for drying added greatly to drying's share of processing use of noncitrus. Nevertheless, the proportions of noncitrus fruit for drying were almost the same as for canning in both 1987 and 1988. Increased use of dried fruit for breakfast cereals and snack food has probably increased the share for drying, particularly for grapes.

Because of a much smaller crop, the use of 1988-crop apples for juice declined sharply. In addition, the smaller grape crop in the Great Lake States and Washington significantly reduced the utilization for juice. As a result, the quantity of deciduous fruit used for juice fell 32 percent from 1987, and its share dropped to 13 percent from 19 percent in 1987.

The larger California grape crop and reduced wine inventories resulted in more crushing for wine, and in turn, crushing accounted for almost 31 percent of all noncitrus used for processing in 1988, up from 27 percent in calendar 1987. Noncitrus crops used for freezing in 1988 remained virtually the same as the previous year, so freezing's share of processing use remained at 3 percent.

Noncitrus Exports Strong, But Citrus Exports Mixed

Exports of major fresh deciduous fruit such as apples, grapes, and pears increased significantly in calendar 1988 from a year earlier. Exports of fresh apples and pears were up 38 and 33 percent, respectively—the second highest on record for both. Grapes were up 24 percent to a record high. The increases were generally attributed to larger supplies, lower prices, the weak dollar, and continued marketing promotion and development.

Exports of major fresh citrus fruit did not fare as well. Exports of fresh oranges and lemons were off 16 and 8 percent, respectively, as higher prices weakened foreign demand for both. In addition, limited supplies of large fruit from the 1987/88 California valencia crop hindered exports. In contrast, exports of fresh grapefruit rose 33 percent from 1987. The weak dollar and increased promotion under the Targeted Export Assistance program (TEA) contributed to strong sales abroad.

Fresh Noncitrus Imports Mixed, But Orange Juice Imports Fell

U.S. imports of most major fresh noncitrus fruit were mixed in 1988. Imports of fresh apples and bananas were off 8 and 2 percent from 1987, respectively. Sharply reduced apple shipments from France, New Zealand, and South Africa were chiefly responsible. After the U.S. Government lifted the restriction on U.S. plant quarantines of French apples, French authorities decided not to ship any apples to the United States for the balance of the 1987/88 marketing season. The October 1986 trade embargo with South Africa was still in effect in 1988, ruling out apple imports from that country.

Reduced banana imports were caused by the discovery of scarab beetles and crickets in Colombia's banana plantations, and the consequent rejection of infested Colombian bananas by USDA's Animal and Plant Health Inspection Service. In addition, a labor strike that completely shut off Colombian banana production in late summer 1988 further reduced U.S. banana imports.

In contrast, imports of grapes and fresh pineapple in 1988 were record-breakers. Grape imports, mostly from Chile, were up 24 percent from 1987 as Chile continued to expand its grape industry. Consequently, larger quantities of fresh grapes are being shipped to the United States during the off-

season. Imports of fresh noncitrus fruit are expected to continue rising because of increased world production (particularly in Latin America), third world countries' urgent need for hard currencies, and subsidized production and exports in several countries.

After the freezes damaged Florida citrus in the early 1980's, imports of FCOJ (mostly from Brazil) reached a record 597 million gallons in 1984/85. However, following the gradual recovery, the increased pack of FCOJ in Florida reduced imports to 408 million gallons in 1987/88, down 24 percent from 1986/87. Nevertheless, FCOJ imports will remain relatively large because Florida orange production is not expected to reach prefreeze levels for several years.

Fruit Consumption Down Slightly From 1987 Record

Per capita fruit consumption was estimated at 211.3 pounds (fresh weight equivalent) in 1988, down slightly from the previous year's record 214.3 pounds. The decline is the result of a smaller fruit crop. Most of the decrease was attributed to fresh fruit consumption, which declined moderately to 96.9 pounds, primarily reflecting reduced consumption of apples, avocados, bananas, and pears. Fresh citrus consumption remained steady. Per capita consumption of fresh noncitrus fruit totaled 70.4 pounds, down almost 5 pounds from 1987. Substantially higher prices of apples and bananas were chiefly responsible. Per capita fresh citrus consumption amounted to 26.5 pounds, up from 26.4 in 1987. Consumption for all citrus items remained relatively steady.

Per capita consumption of processed fruit (fresh weight equivalent) rose from 112.8 pounds in 1987 to 114.4 in 1988. Processed citrus consumption rose from 86.4 pounds to 87.1. Most of the increase was attributed to chilled orange juice which jumped from 4.2 pounds in 1987 to 4.8 in 1988. Per capita consumption of processed noncitrus fruit rose from 26.4 pounds in 1987 to 27.3 in 1988. The increase was shared by all processed items except frozen fruit.

Tree Nuts

Bearing Acreage Down Slightly

Bearing area of domestic tree nuts in 1988, excluding pecans, decreased 1 percent from 1987 to 668,200 acres. Almond bearing area fell 10,000 acres to 407,000. Walnuts, at 174,000 acres, fell 2,000 from the previous year. Acreages of hazelnuts, pistachios, and macadamias all increased moderately. No acreage of pecans is reported. Almond acreage is expected to drop an additional 5,000 acres in 1989, but walnuts will be virtually unchanged. Other tree nut acreages are expected to continue increasing.

Production and Value Fell

Production of the six domestic tree nuts decreased to 898,200 short tons, in-shell basis, 6 percent below the 1987

record. Almond, hazelnut, and walnut production declined in 1988, but production of pecans, pistachios, and macadamias increased.

Utilized production for all six domestic tree nuts was valued at \$1.12 billion (grower receipts), down 2 percent from the record \$1.13 billion in 1987. Grower prices in 1988 were lower for hazelnuts, pistachios, and walnuts but higher for almonds, pecans, and macadamias.

Record Consumption

Tree nut consumption reached a record 2.51 pounds per capita in 1988. Total consumption of all tree nuts (domestic and imported) hit a record 622 million pounds, shelled basis, up 12 percent from 1987. Consumer demand appears to be

trending upward again after reaching 2 pounds per capita in the early 1980's and then leveling off at 2.25 to 2.35 pounds in the mid-1980's.

Exports and Imports Up

Exports of all tree nuts reached a record 440 million pounds, shelled basis, up 9 percent from 1987 and 12 percent above 1986. Imports were also very high at 156 million pounds, 11 percent more than in 1987. Carryover stocks into the 1989/90 marketing year are also expected to be very high, primarily due to larger almond stocks held in market reserve from the 1988 crop. However, combined production of the major tree nuts in 1989 is expected to be lower, which will bring supply in balance with domestic and export demand. Prices are expected to be mostly higher in the 1989/90 season.

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Table 1--Fruits and tree nuts bearing acreage, United States, 1970 to date

| Year | Citrus fruit 1/ | Major deciduous fruits 2/ | Miscellaneous noncitrus 3/ | Tree nuts 4/ | Total 5/ |
|-----------------|--------------------|---------------------------------|-------------------------------|-----------------|----------|
| --1,000 acres-- | | | | | |
| 1970 | 1,143.8 | 1,575.6 | 186.1 | 343.5 | 3,249.0 |
| 1971 | 1,193.8 | 1,547.0 | 186.1 | 365.7 | 3,292.6 |
| 1972 | 1,186.0 | 1,530.4 | 182.6 | 384.0 | 3,283.0 |
| 1973 | 1,201.6 | 1,534.3 | 183.4 | 398.9 | 3,318.2 |
| 1974 | 1,211.7 | 1,563.0 | 185.8 | 421.7 | 3,382.2 |
| 1975 | 1,215.7 | 1,596.9 | 191.3 | 443.0 | 3,446.9 |
| 1976 | 1,198.0 | 1,664.8 | 194.5 | 456.4 | 3,513.7 |
| 1977 | 1,180.2 | 1,674.2 | 198.4 | 482.9 | 3,535.7 |
| 1978 | 1,161.2 | 1,657.3 | 227.2 | 519.4 | 3,565.1 |
| 1979 | 1,149.5 | 1,627.7 | 236.3 | 555.9 | 3,569.4 |
| 1980 | 1,161.8 | 1,629.7 | 248.2 | 565.7 | 3,605.4 |
| 1981 | 1,148.0 | 1,612.1 | 255.0 | 561.4 | 3,576.5 |
| 1982 | 1,132.0 | 1,642.0 | 227.7 | 579.4 | 3,581.1 |
| 1983 | 1,100.4 | 1,676.5 | 235.3 | 596.0 | 3,608.2 |
| 1984 | 1,002.6 | 1,710.7 | 208.9 | 622.9 | 3,545.1 |
| 1985 | 899.2 | 1,735.4 | 211.1 | 656.9 | 3,502.6 |
| 1986 | 819.0 | 1,742.6 | 214.5 | 668.9 | 3,445.0 |
| 1987 | 824.9 | 1,752.0 | 215.9 | 675.4 | 3,468.2 |
| 1988 6/ | 832.4 | 1,743.3 | 213.9 | 668.2 | 3,457.8 |

1/ Grapefruit, lemons, limes, oranges, tangelos, tangerines and temples.
 Acreage is for the year of harvest. 2/ Commercial apples, apricots, cherries,
 grapes, nectarines, peaches, pears, plums, and prunes. 3/ Avocados, bananas,
 berries (until 1979), cranberries, (beginning 1983), dates, figs, guavas,
 kiwifruit (beginning 1980), olives, papayas, pineapples, and pomegranates.
 4/ Almonds, filberts (hazelnuts), Macadamia nuts, walnuts, and pistachios
 (beginning 1977). 5/ Some figures may not add due to rounding. 6/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 2--Utilized production of citrus and noncitrus fruit, United States, 1970 to date

| Year | Citrus 1/ | Noncitrus | Total |
|----------------------|-----------|-----------|--------|
| --1,000 short tons-- | | | |
| 1970 | 11,348 | 9,890 | 21,238 |
| 1971 | 11,919 | 10,535 | 22,454 |
| 1972 | 12,163 | 8,436 | 20,599 |
| 1973 | 13,894 | 10,965 | 24,859 |
| 1974 | 13,412 | 11,937 | 25,349 |
| 1975 | 14,586 | 12,384 | 26,970 |
| 1976 | 14,788 | 11,846 | 26,634 |
| 1977 | 15,242 | 12,274 | 27,516 |
| 1978 | 14,255 | 12,460 | 26,715 |
| 1979 | 13,329 | 13,689 | 27,018 |
| 1980 | 16,484 | 15,153 | 31,637 |
| 1981 | 15,105 | 12,961 | 28,066 |
| 1982 | 12,057 | 14,217 | 26,274 |
| 1983 | 13,608 | 13,707 | 27,315 |
| 1984 | 10,792 | 13,796 | 24,588 |
| 1985 | 10,525 | 13,680 | 24,205 |
| 1986 | 11,051 | 13,408 | 24,459 |
| 1987 | 11,968 | 15,454 | 27,422 |
| 1988 2/ | 12,728 | 15,259 | 27,987 |

1/ Year harvest was complete.

2/ Preliminary.

Sources: Citrus Fruits Summary, Noncitrus Fruit and Nuts Midyear Supplement, and July 1988 Crop Production, NASS, USDA.

Table 3--Fruit, total production, United States, 1970 to date 1/

| Year | Apples | Peaches | Pears | Grapes | Cherries | Prunes and plums | Apricots | Figs | Oranges | Tangerines | Grapefruit | Lemons | Limes |
|------|--------|---------|-------|--------|----------|------------------|----------|------|---------|------------|------------|--------|-------|
| 1970 | 3,199 | 1,498 | 549 | 3,103 | 246 | 787 | 175 | 50 | 8,023 | 189 | 2,186 | 574 | 29 |
| 1971 | 3,187 | 1,441 | 749 | 3,994 | 280 | 582 | 186 | 46 | 8,205 | 234 | 2,473 | 625 | 35 |
| 1972 | 3,939 | 1,186 | 612 | 2,579 | 232 | 359 | 128 | 36 | 8,237 | 220 | 2,627 | 634 | 44 |
| 1973 | 3,133 | 1,295 | 730 | 4,198 | 246 | 783 | 158 | 42 | 9,737 | 223 | 2,676 | 844 | 44 |
| 1974 | 3,290 | 1,459 | 742 | 4,199 | 279 | 659 | 94 | 45 | 9,386 | 210 | 2,692 | 676 | 42 |
| 1975 | 3,765 | 1,418 | 748 | 4,366 | 301 | 656 | 183 | 38 | 10,241 | 228 | 2,504 | 1,118 | 44 |
| 1976 | 3,236 | 1,509 | 839 | 4,398 | 246 | 666 | 155 | 32 | 10,493 | 236 | 2,850 | 670 | 43 |
| 1977 | 3,370 | 1,478 | 782 | 4,398 | 254 | 727 | 147 | 42 | 10,546 | 249 | 3,032 | 988 | 40 |
| 1978 | 3,799 | 1,526 | 723 | 4,567 | 247 | 634 | 126 | 32 | 9,546 | 228 | 3,030 | 991 | 18 |
| 1979 | 4,063 | 1,469 | 855 | 4,989 | 269 | 661 | 144 | 39 | 9,160 | 237 | 2,757 | 745 | 29 |
| 1980 | 5,509 | 1,534 | 897 | 5,595 | 364 | 821 | 129 | 45 | 11,832 | 275 | 2,986 | 789 | 44 |
| 1981 | 3,870 | 1,385 | 897 | 4,558 | 221 | 765 | 89 | 38 | 10,487 | 239 | 2,759 | 1,189 | 48 |
| 1982 | 4,061 | 1,143 | 804 | 6,555 | 312 | 573 | 118 | 34 | 7,600 | 212 | 2,878 | 942 | 52 |
| 1983 | 4,189 | 928 | 775 | 5,506 | 259 | 674 | 94 | 34 | 9,519 | 229 | 2,447 | 953 | 68 |
| 1984 | 4,161 | 1,330 | 710 | 5,194 | 318 | 687 | 127 | 36 | 7,246 | 208 | 2,176 | 807 | 63 |
| 1985 | 3,961 | 1,074 | 747 | 5,607 | 276 | 648 | 132 | 33 | 6,734 | 176 | 2,255 | 980 | 72 |
| 1986 | 3,967 | 1,164 | 766 | 5,226 | 350 | 491 | 55 | 50 | 7,487 | 186 | 2,339 | 697 | 76 |
| 1987 | 5,374 | 1,196 | 940 | 5,264 | 395 | 977 | 115 | 52 | 7,697 | 220 | 2,568 | 1,087 | 63 |
| 1988 | 4,579 | 1,310 | 861 | 5,986 | 304 | 750 | 102 | 48 | 8,544 | 212 | 2,781 | 1,785 | 57 |

--1,000 short tons--

Total fruit

Pomegranates

Papayas

Dates

Kiwi fruit

Bananas

Cranberries

Nectarines

Avocados

Pineapples

Strawberries

Tangerines

Temple fruits

Total fruit

Pomegranates

Papayas

Dates

Kiwi fruit

Bananas

Cranberries

Nectarines

Avocados

--1,000 short tons--

| | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|---|------|----|----|----|--------|
| 1970 | 113 | 234 | 248 | 954 | 86 | 67 | 102 | 3 | N.A. | 18 | 12 | 8 | 22,453 |
| 1971 | 122 | 225 | 260 | 942 | 45 | 70 | 113 | 3 | N.A. | 20 | 10 | 9 | 23,856 |
| 1972 | 162 | 239 | 230 | 947 | 89 | 87 | 104 | 3 | N.A. | 16 | 13 | 7 | 21,750 |
| 1973 | 140 | 230 | 240 | 810 | 74 | 87 | 105 | 4 | N.A. | 23 | 16 | 6 | 25,844 |
| 1974 | 167 | 239 | 269 | 700 | 127 | 117 | 112 | 3 | N.A. | 23 | 19 | 8 | 25,557 |
| 1975 | 212 | 239 | 275 | 720 | 87 | 111 | 120 | 3 | N.A. | 25 | 20 | 9 | 27,415 |
| 1976 | 248 | 248 | 290 | 680 | 141 | 128 | 120 | 3 | N.A. | 22 | 25 | 9 | 27,287 |
| 1977 | 216 | 171 | 331 | 690 | 118 | 155 | 105 | 3 | N.A. | 25 | 32 | 10 | 27,809 |
| 1978 | 221 | 221 | 330 | 675 | 102 | 148 | 123 | 3 | N.A. | 22 | 45 | 10 | 27,211 |
| 1979 | 189 | 212 | 319 | 681 | 102 | 172 | 124 | 3 | N.A. | 21 | 30 | 13 | 27,283 |
| 1980 | 288 | 270 | 351 | 657 | 269 | 191 | 135 | 2 | 5 | 22 | 37 | 17 | 33,064 |
| 1981 | 221 | 162 | 371 | 636 | 183 | 182 | 130 | 3 | 7 | 22 | 47 | 17 | 28,426 |
| 1982 | 229 | 144 | 442 | 670 | 237 | 178 | 152 | 3 | 16 | 24 | 42 | 16 | 27,441 |
| 1983 | 171 | 211 | 447 | 722 | 274 | 185 | 149 | 2 | 14 | 17 | 38 | 20 | 27,935 |
| 1984 | 162 | 130 | 495 | 600 | 230 | 183 | 166 | 5 | 18 | 22 | 60 | 20 | 25,160 |
| 1985 | 162 | 146 | 509 | 565 | 189 | 210 | 174 | 4 | 22 | 29 | 48 | 19 | 24,772 |
| 1986 | 133 | 133 | 510 | 646 | 303 | 172 | 182 | 5 | 24 | 18 | 31 | 22 | 24,933 |
| 1987 | 189 | 153 | 556 | 692 | 209 | 191 | 166 | 6 | 29 | 19 | 34 | 19 | 28,201 |
| 1988 | 189 | 160 | 583 | 659 | 183 | 200 | 201 | 7 | 33 | 22 | 35 | 20 | 28,611 |

N.A. = not available.

1/ Total production includes unharvested production and fruit harvested but not sold due to marketing conditions.

2/ Year harvest was complete.

3/ Year of bloom.

4/ Estimate beginning 1980.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables, NASS, USDA.

Table 4--Average price indexes for fruits, United States, 1970 to date

| Year | Index of all fruit prices received by growers | Producer price index | | | | Consumer price index | |
|--------------|--|----------------------|----------------|-----------------------------|-----------------------------|----------------------|--------------------|
| | | Fresh fruit | Dried fruit | Canned fruits and juices | Frozen fruits and juices | Fresh fruit | Processed fruit |
| (1977=100) | | | | | | | |
| --1982=100-- | | | | | | | |
| 1970 | 59 | 42.3 | 29.3 | 39.8 | 37.5 | 35.6 | 38.4 |
| 1971 | 67 | 48.0 | 29.6 | 41.7 | 40.7 | 37.8 | 40.6 |
| 1972 | 72 | 48.2 | 34.9 | 43.4 | 43.8 | 39.8 | 41.8 |
| 1973 | 84 | 57.2 | 45.6 | 47.2 | 44.9 | 44.6 | 43.5 |
| 1974 | 86 | 60.8 | 50.1 | 56.3 | 47.1 | 48.5 | 50.3 |
| 1975 | 85 | 66.6 | 47.1 | 61.2 | 51.2 | 51.8 | 59.7 |
| 1976 | 80 | 67.4 | 53.8 | 61.5 | 50.9 | 51.7 | 59.3 |
| 1977 | 100 | 74.9 | 71.4 | 67.1 | 64.4 | 59.4 | 62.2 |
| 1978 | 137 | 90.1 | 78.2 | 75.3 | 75.9 | 71.0 | 68.9 |
| 1979 | 144 | 98.2 | 117.0 | 84.6 | 81.3 | 79.8 | 77.0 |
| 1980 | 124 | 100.3 | 97.4 | 90.3 | 79.9 | 84.8 | 82.1 |
| 1981 | 130 | 96.6 | 99.1 | 96.6 | 100.0 | 89.4 | 91.7 |
| 1982 | 175 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 |
| 1983 | 128 | 106.4 | 100.0 | 101.0 | 98.7 | 95.1 | 98.1 |
| 1984 | 202 | 106.8 | 94.4 | 110.1 | 114.8 | 105.6 | 105.2 |
| 1985 | 180 | 108.1 | 88.7 | 113.8 | 118.5 | 116.3 | 109.5 |
| 1986 | 169 | 112.9 | 91.9 | 111.0 | 103.0 | 118.7 | 106.3 |
| 1987 | 181 | 112.0 | 95.0 | 115.4 | 113.3 | 132.0 | 110.6 |
| 1988 | 181 | 112.8 | 98.9 | 120.3 | 130.0 | 143.0 | 121.9 |

Sources: Agricultural Prices, NASS, USDA and Bureau of Labor Statistic, Department of Labor.

Table 5--Annual retail prices for selected fruits, United States, 1980 to date

| Year | Red delicious apples | Bananas | Anjou pears | Thompson seedless grapes | Lemons | Grapefruit | Oranges | |
|------|----------------------------|---------|----------------|--------------------------------|--------|------------|-------------------|-----------|
| | | | | | | | Navel | Valencias |
| | | | | | | | --Dollars/pound-- | |
| 1980 | 0.629 | 0.342 | 0.609 | 1.064 | 0.702 | 0.354 | 0.365 | 0.373 |
| 1981 | 0.565 | 0.362 | 0.590 | 1.143 | 0.700 | 0.395 | 0.391 | 0.406 |
| 1982 | 0.639 | 0.354 | 0.606 | 1.014 | 0.771 | 0.354 | 0.433 | 0.556 |
| 1983 | 0.590 | 0.386 | 0.619 | 1.071 | 0.748 | 0.365 | 0.387 | 0.384 |
| 1984 | 0.657 | 0.359 | 0.541 | 1.100 | 0.752 | 0.398 | 0.425 | 0.650 |
| 1985 | 0.685 | 0.367 | 0.703 | 0.945 | 0.929 | 0.471 | 0.533 | 0.538 |
| 1986 | 0.773 | 0.385 | 0.768 | 1.140 | 0.821 | 0.509 | 0.481 | 0.463 |
| 1987 | 0.728 | 0.365 | 0.745 | 1.173 | 0.897 | 0.518 | 0.543 | 0.578 |
| 1988 | 0.729 | 0.418 | 0.628 | 1.163 | 0.933 | 0.517 | 0.528 | 0.585 |

Source: Bureau of Labor Statistics, Department of Labor.

Table 6--Bearing acreage for selected noncitrus fruit, United States, 1970 to date

| Year | Cherries | | | | | | | |
|------|----------|----------|-----------------|------|-----------|------------|---------|-------|
| | Apples | Avocados | Sweet | Tart | Grapes 1/ | Nectarines | Peaches | Pears |
| | | | --1,000 acres-- | | | | | |
| 1970 | 402.5 | 23.7 | 52.4 | 59.3 | 535.5 | 7.8 | 248.8 | 94.8 |
| 1971 | 402.2 | 24.4 | 52.2 | 56.1 | 535.1 | 8.5 | 233.6 | 94.8 |
| 1972 | 405.2 | 25.2 | 52.6 | 54.2 | 531.1 | 9.9 | 221.7 | 94.3 |
| 1973 | 399.1 | 26.8 | 53.2 | 52.9 | 548.8 | 10.8 | 220.3 | 92.6 |
| 1974 | 396.0 | 30.0 | 54.4 | 51.6 | 584.9 | 11.0 | 220.0 | 90.7 |
| 1975 | 395.6 | 32.9 | 54.1 | 49.7 | 626.4 | 12.1 | 217.6 | 89.8 |
| 1976 | 403.2 | 38.2 | 52.1 | 45.0 | 701.4 | 13.4 | 215.3 | 88.6 |
| 1977 | 403.4 | 44.5 | 51.4 | 42.9 | 724.2 | 14.7 | 204.1 | 87.1 |
| 1978 | 404.3 | 51.2 | 49.6 | 40.8 | 720.2 | 14.8 | 198.0 | 85.0 |
| 1979 | 407.6 | 59.4 | 48.3 | 40.8 | 696.5 | 16.2 | 193.9 | 82.7 |
| 1980 | 412.2 | 67.1 | 47.0 | 42.0 | 698.6 | 18.4 | 194.2 | 81.0 |
| 1981 | 414.9 | 73.0 | 45.9 | 40.8 | 694.4 | 21.0 | 188.3 | 76.1 |
| 1982 | 419.4 | 78.0 | 45.1 | 40.3 | 718.8 | 22.2 | 189.8 | 74.5 |
| 1983 | 424.1 | 83.1 | 44.7 | 41.8 | 747.5 | 23.1 | 189.7 | 70.5 |
| 1984 | 429.4 | 84.0 | 43.6 | 48.3 | 770.4 | 24.5 | 194.7 | 68.4 |
| 1985 | 436.7 | 85.2 | 44.3 | 46.7 | 782.6 | 22.4 | 193.4 | 68.4 |
| 1986 | 453.0 | 86.3 | 45.3 | 48.9 | 770.7 | 22.8 | 191.1 | 68.0 |
| 1987 | 461.4 | 86.1 | 46.1 | 50.0 | 763.7 | 23.6 | 189.5 | 69.6 |
| 1988 | 466.2 | 85.4 | 47.1 | 49.2 | 755.2 | 24.2 | 185.7 | 70.0 |

1/ In 1986: 50,000 acres of raisin type grapes were enrolled in the California Raisin Industry Diversion Program; in 1987, 15,000 acres; and in 1988, 25,000 acres were enrolled.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 7--Utilization of production of noncitrus fruits, and value, United States, 1970 to date

| Year | Utilized production 1/ | Fresh | Processed | | | | | | Value of utilized production |
|---|------------------------------|-------|-----------|-------|-------|--------|-------|-------|------------------------------------|
| | | | Canned | Dried | Juice | Frozen | Wine | Other | |
| --1,000 short tons (fresh equivalent)-- | | | | | | | | | 1,000 dollars |
| 1970 | 9,890 | 3,378 | 2,030 | 1,634 | 708 | 221 | 1,583 | 238 | 1,062,354 |
| 1971 | 10,535 | 3,421 | 2,003 | 1,431 | 877 | 240 | 2,310 | 192 | 1,159,402 |
| 1972 | 8,436 | 3,114 | 1,805 | 804 | 720 | 244 | 1,520 | 169 | 1,320,084 |
| 1973 | 10,965 | 3,403 | 2,071 | 1,795 | 598 | 254 | 2,567 | 196 | 1,948,531 |
| 1974 | 11,937 | 4,270 | 2,251 | 1,655 | 768 | 223 | 2,416 | 279 | 1,987,805 |
| 1975 | 12,384 | 4,734 | 2,056 | 1,920 | 863 | 251 | 2,276 | 205 | 1,919,399 |
| 1976 | 11,846 | 4,564 | 1,942 | 1,661 | 818 | 254 | 2,322 | 208 | 2,081,819 |
| 1977 | 12,274 | 4,531 | 2,060 | 1,870 | 841 | 244 | 2,412 | 258 | 2,533,727 |
| 1978 | 12,460 | 4,167 | 2,549 | 1,365 | 1,140 | 257 | 2,672 | 311 | 3,034,322 |
| 1979 | 13,689 | 4,358 | 2,758 | 2,044 | 1,285 | 226 | 2,713 | 305 | 3,404,222 |
| 1980 | 15,153 | 5,010 | 2,747 | 2,408 | 1,418 | 251 | 2,996 | 322 | 3,491,419 |
| 1981 | 12,961 | 4,709 | 2,263 | 1,722 | 1,235 | 231 | 2,522 | 280 | 3,586,740 |
| 1982 | 14,217 | 4,696 | 2,332 | 2,163 | 1,255 | 227 | 3,227 | 317 | 3,482,072 |
| 1983 | 13,707 | 4,805 | 2,123 | 2,481 | 1,445 | 185 | 2,423 | 245 | 3,215,233 |
| 1984 | 13,796 | 4,979 | 2,272 | 2,060 | 1,322 | 245 | 2,693 | 225 | 3,316,540 |
| 1985 | 13,680 | 4,600 | 2,724 | 2,192 | 1,220 | 263 | 2,919 | 212 | 3,418,919 |
| 1986 | 13,408 | 4,941 | 2,209 | 1,668 | 1,138 | 286 | 2,908 | 259 | 3,710,611 |
| 1987 | 15,454 | 5,575 | 2,357 | 2,367 | 1,888 | 306 | 2,648 | 314 | 3,871,028 |
| 1988 2/ | 15,259 | 5,436 | 2,504 | 2,551 | 1,284 | 313 | 2,995 | 177 | 4,420,251 |

1/ Some figures may not add due to rounding.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 8--Fruits, frozen: Commercial pack, United States, 1970 to date

| Year | Apples | Apricots | Cherries tart | Cherries sweet | Grape and pulp | Peaches | Plums and prunes | Purees, noncitrus 1/ |
|--------------------|-------------------|------------------|--------------------|-------------------|-------------------|------------------|--|-------------------------|
| --1,000 pounds-- | | | | | | | | |
| 1970 | 100,370 | 12,107 | 121,271 | 4,124 | 5,185 | 47,471 | 8,269 | 15,170 |
| 1971 | 96,999 | 10,977 | 159,408 | 2,568 | 5,761 | 59,924 | 3,666 | 16,331 |
| 1972 | 130,377 | 15,512 | 145,570 | 3,266 | 5,333 | 46,316 | 5,075 | 10,582 |
| 1973 | 135,086 | 16,534 | 109,368 | 5,209 | 4,145 | 81,388 | 6,121 | 12,228 |
| 1974 | 99,180 | 11,848 | 137,976 | 8,890 | 2,897 | 59,058 | 6,315 | 5,311 |
| 1975 | 89,704 | 15,886 | 126,073 | 6,712 | (4) | 40,273 | 5,236 | 5,983 |
| 1976 | 118,759 | 15,008 | 84,113 | 12,386 | 1,723 | 65,101 | 4,977 | 16,171 |
| 1977 | 97,204 | 15,749 | 154,600 | 13,011 | 4,892 | 69,323 | 3,594 | 16,833 |
| 1978 | 68,337 | 11,814 | 126,300 | 18,362 | 4,529 | 40,814 | 2,774 | 16,338 |
| 1979 | 60,827 | 16,941 | 116,300 | 13,262 | 2,264 | 62,510 | 5,649 | 12,251 |
| 1980 | 69,109 | 10,409 | 129,009 | 10,776 | 2,178 | 56,274 | 6,195 | 8,913 |
| 1981 | 105,893 | 13,606 | 85,848 | 14,209 | 2,901 | 59,612 | 4,348 | 16,128 |
| 1982 | 100,378 | 16,766 | (3) | 17,206 | 8,442 | 56,714 | 5,631 | 20,268 |
| 1983 | 75,576 | 14,077 | (3) | 17,303 | 10,006 | 56,454 | 2,646 | 16,169 |
| 1984 | 77,996 | 16,565 | (3) | 13,282 | (4) | 75,877 | 3,436 | 15,645 |
| 1985 | 85,481 | 11,770 | (3) | 10,262 | 4,715 | 80,990 | 4,400 | 24,655 |
| 1986 | 111,133 | 14,308 | (3) | 14,404 | (4) | 100,730 | 4,354 | 29,424 |
| 1987 | 122,399 | 22,227 | (3) | 21,332 | (4) | 105,764 | 657 | 39,749 |
| 1988 | 117,076 | 14,675 | (3) | 18,482 | (4) | 110,286 | 2,713 | 22,501 |
| | Black- berries | Blue- berries | Boysen- berries | Logan- berries | Rasp- berries | Straw berries | Miscellaneous fruit and berries 2/ | Total |
| -- 1,000 pounds -- | | | | | | | | |
| 1970 | 29,186 | 21,836 | 8,478 | 1,756 | 29,504 | 201,572 | 14,389 | 620,688 |
| 1971 | 27,536 | 30,441 | 6,245 | 1,858 | 28,102 | 199,399 | 16,263 | 665,478 |
| 1972 | 21,164 | 30,932 | 6,203 | 1,517 | 24,361 | 146,842 | 19,012 | 612,062 |
| 1973 | 8,249 | 44,376 | 6,275 | 852 | 29,309 | 168,552 | 22,472 | 650,164 |
| 1974 | 21,107 | 24,393 | 5,093 | 1,877 | 22,107 | 170,371 | 25,681 | 602,104 |
| 1975 | 20,892 | 24,572 | 4,815 | 2,954 | 26,652 | 183,895 | 13,178 | 566,825 |
| 1976 | 22,774 | 26,261 | 4,094 | 2,371 | 22,561 | 216,153 | 16,061 | 628,513 |
| 1977 | 23,352 | 14,750 | 3,836 | 3,427 | 24,988 | 220,391 | 21,459 | 687,409 |
| 1978 | 19,579 | 27,992 | 3,048 | 2,089 | 21,195 | 159,834 | 19,561 | 542,566 |
| 1979 | 14,823 | 31,485 | 2,732 | 1,276 | 23,518 | 190,572 | 20,454 | 574,864 |
| 1980 | 20,874 | 36,426 | 4,678 | 1,905 | 21,426 | 253,072 | 22,158 | 653,402 |
| 1981 | 16,997 | 50,141 | 3,627 | 1,552 | 26,179 | 210,558 | 17,324 | 628,923 |
| 1982 | 16,283 | 46,464 | 5,101 | 1,665 | 26,717 | 272,676 | 20,004 | 614,315 |
| 1983 | 14,581 | 43,528 | 3,549 | 2,223 | 19,855 | 292,662 | 5,640 | 574,269 |
| 1984 | 11,130 | 54,835 | 3,524 | 1,018 | 19,659 | 231,414 | 37,839 | 562,220 |
| 1985 | 12,681 | 54,506 | 2,561 | 775 | 14,784 | 229,152 | 16,148 | 552,880 |
| 1986 | 12,955 | 77,754 | 5,493 | 1,133 | 15,323 | 237,604 | 22,960 | 647,575 |
| 1987 | 21,027 | 69,153 | 5,234 | 1,016 | 26,471 | 334,406 | 80,727 | 850,162 |
| 1988 | 21,437 | 82,382 | 6,706 | 1,461 | 26,509 | 274,610 | 130,908 | 829,746 |

1/ Includes purees of apples, apricots, bananas, blackberries, black and red raspberries, boysenberries, cherries, elderberries, loganberries, nectarines, peaches, plums, strawberries, cantaloupes, grapes, melons, blueberries, caneberries, guava, kiwi, marionberries, passionfruit, prunes, and pears. 2/ Includes cranberries, gooseberries, marionberries, melon balls, mixed fruit, Montmorency cherries, chelalems, elderberries, gooseberries, Morello cherries, grape and pulp (1975 and 1984 only), pears, ollalieberries, cantaloupes, crabapples, pineapples, guava, currants, lemons, oranges, melons, kiwi, and passionfruit. 3/ Due to lack of cooperation, tart cherries have been removed from prior years; however, in 1987 and 1988 they are included in miscellaneous fruit and berries. 4/ Included in miscellaneous fruits and berries.

Source: American Frozen Food Institute.

Table 9--Fruit, dried: Production (dry basis), United States, 1970 to date

| Year | Apples | Apricots | Dates | Figs | Peaches | Pears 1/ | Prunes | Raisins | Total |
|----------|--------|----------|--------|--------|---------|----------|---------|---------|---------|
| --Tons-- | | | | | | | | | |
| 1970 | 11,850 | 5,600 | 18,200 | 12,280 | 2,275 | 585 | 200,000 | 193,000 | 443,790 |
| 1971 | 6,000 | 4,000 | 19,500 | 10,370 | 1,860 | 750 | 131,000 | 194,100 | 367,580 |
| 1972 | 9,300 | 3,000 | 15,700 | 8,950 | 1,500 | 960 | 77,000 | 105,000 | 221,410 |
| 1973 | 15,500 | 3,260 | 23,100 | 11,220 | 1,500 | 790 | 205,000 | 224,000 | 484,370 |
| 1974 | 12,300 | 2,640 | 22,700 | 11,430 | 1,750 | 700 | 142,000 | 241,500 | 435,020 |
| 1975 | 14,350 | 4,500 | 24,800 | 8,840 | 2,375 | 980 | 149,000 | 283,000 | 487,845 |
| 1976 | 14,350 | 4,650 | 22,400 | 7,000 | 2,500 | 1,270 | 148,000 | 218,000 | 418,170 |
| 1977 | 14,100 | 5,100 | 25,400 | 11,000 | 2,500 | 1,130 | 159,000 | 248,300 | 466,530 |
| 1978 | 13,800 | 3,600 | 21,550 | 6,390 | 2,000 | 855 | 132,000 | 228,500 | 408,695 |
| 1979 | 16,000 | 5,300 | 21,300 | 10,240 | 1,800 | 1,530 | 136,000 | 302,300 | 494,470 |
| 1980 | 12,150 | 3,600 | 22,400 | 11,400 | 2,200 | 1,500 | 168,000 | 309,000 | 530,250 |
| 1981 | 11,900 | 3,800 | 22,300 | 10,150 | 2,050 | 1,440 | 159,500 | 256,000 | 467,140 |
| 1982 | 13,100 | 4,800 | 23,900 | 9,650 | 2,600 | 1,200 | 126,000 | 292,000 | 473,250 |
| 1983 | 17,700 | 4,100 | 17,000 | 9,000 | 2,000 | 1,070 | 145,000 | 39,600 | 235,470 |
| 1984 | 18,050 | 3,520 | 22,200 | 9,800 | 1,550 | 780 | 148,000 | 334,500 | 538,400 |
| 1985 | 15,150 | 2,000 | 28,900 | 8,570 | 2,050 | 1,310 | 141,000 | 346,000 | 544,980 |
| 1986 | 12,450 | 1,400 | 17,800 | 12,450 | 1,800 | 1,410 | 99,000 | 277,000 | 423,310 |
| 1987 | 17,750 | 2,980 | 19,400 | 14,000 | 1,950 | 1,130 | 229,000 | 356,000 | 642,210 |
| 1988 2/ | 17,800 | 2,640 | 22,000 | 13,250 | 2,500 | 1,220 | 155,000 | 363,000 | 577,410 |

1/ Bartlett only.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 10--Apples: Production, utilization, and season-average grower price, United States, 1970 to date 1/

| Year | Production | | Utilization | | Grower price | | |
|--------------------|------------|----------|-------------|------------|--------------|-------------|-----------|
| | Total 2/ | Utilized | Fresh | Processing | Fresh | Processing | All |
| --Million pounds-- | | | | | Cents/lb. | Dollars/ton | Cents/lb. |
| 1970 | 6,397.7 | 6,258.4 | 3,531.5 | 2,726.9 | 6.53 | 39.20 | 4.54 |
| 1971 | 6,373.2 | 6,082.7 | 3,483.9 | 2,598.8 | 6.97 | 43.40 | 4.92 |
| 1972 | 5,878.8 | 5,867.5 | 3,342.0 | 2,525.5 | 8.92 | 62.80 | 6.43 |
| 1973 | 6,265.0 | 6,251.5 | 3,539.4 | 2,712.1 | 10.70 | 125.00 | 8.80 |
| 1974 | 6,579.7 | 6,529.8 | 3,690.5 | 2,839.3 | 11.10 | 96.1 | 8.40 |
| 1975 | 7,530.0 | 7,102.6 | 4,357.0 | 2,745.6 | 8.80 | 56.80 | 6.50 |
| 1976 | 6,472.2 | 6,466.9 | 3,915.8 | 2,551.1 | 11.50 | 108.00 | 9.10 |
| 1977 | 6,739.6 | 6,710.0 | 3,859.6 | 2,850.4 | 13.80 | 122.00 | 10.60 |
| 1978 | 7,596.9 | 7,544.0 | 4,210.4 | 3,333.6 | 13.90 | 117.00 | 10.40 |
| 1979 | 8,126.1 | 8,101.2 | 4,288.6 | 3,812.6 | 15.40 | 114.00 | 10.90 |
| 1980 | 8,818.4 | 8,800.4 | 4,934.1 | 3,866.3 | 12.10 | 84.00 | 8.70 |
| 1981 | 7,739.6 | 7,692.9 | 4,442.2 | 3,250.7 | 15.40 | 102.00 | 11.10 |
| 1982 | 8,122.0 | 8,110.2 | 4,536.7 | 3,573.5 | 13.20 | 118.00 | 10.00 |
| 1983 | 8,378.5 | 8,357.9 | 4,620.5 | 3,737.4 | 14.80 | 103.00 | 10.50 |
| 1984 | 8,333.0 | 8,318.1 | 4,666.1 | 3,652.0 | 15.50 | 111.00 | 11.20 |
| 1985 | 7,923.5 | 7,835.8 | 4,227.7 | 3,608.1 | 17.30 | 103.00 | 11.70 |
| 1986 | 7,933.0 | 7,907.3 | 4,531.8 | 3,375.5 | 19.10 | 116.00 | 13.40 |
| 1987 | 10,748.6 | 10,451.8 | 5,631.6 | 4,820.2 | 12.70 | 79.30 | 8.70 |
| 1988 3/ | 9,157.5 | 9,107.9 | 5,263.3 | 3,844.6 | 17.20 | 123.00 | 12.60 |

1/ Commercial crop in orchards of 100 or more bearing trees.

2/ Includes unharvested and harvested not sold.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 11--Apples: Processed utilization and season-average grower prices, United States, 1970 to date 1/

| Year | Canned | | | Juice and cider | | | Frozen | | | Dried | | | Other 2/ | | |
|---------|----------|--------|----------|-----------------|--------|----------|----------|--------|----------|----------|--------|----------|----------|--------|----------|
| | quantity | Price | Dollars/ | quantity | Price | Dollars/ | quantity | Price | Dollars/ | quantity | Price | Dollars/ | Quantity | Price | Dollars/ |
| | Million | | ton | Million | | ton | Million | | ton | Million | | ton | Million | | ton |
| | pounds | | | pounds | | | pounds | | | pounds | | | pounds | | |
| 1970 | 1,158.5 | 47.90 | | 1,031.7 | 27.90 | | 203.0 | 53.40 | | 189.8 | 33.20 | | 143.9 | 37.30 | |
| 1971 | 1,093.5 | 49.40 | | 1,087.0 | 36.10 | | 190.5 | 52.20 | | 96.2 | 45.40 | | 131.6 | 37.50 | |
| 1972 | 976.9 | 67.40 | | 1,028.6 | 55.70 | | 235.3 | 76.00 | | 148.6 | 68.60 | | 136.1 | 42.40 | |
| 1973 | 1,255.4 | 131.00 | | 822.2 | 98.20 | | 259.2 | 171.00 | | 104.00 | 104.00 | | 127.6 | 103.00 | |
| 1974 | 1,225.6 | 123.00 | | 1,030.7 | 64.70 | | 181.7 | 121.00 | | 197.2 | 99.70 | | 204.1 | 64.80 | |
| 1975 | 1,026.7 | 57.50 | | 1,191.6 | 52.60 | | 206.6 | 73.10 | | 229.5 | 65.50 | | 91.2 | 47.40 | |
| 1976 | 919.9 | 120.00 | | 1,109.1 | 91.60 | | 220.4 | 143.00 | | 229.3 | 105.00 | | 72.4 | 114.00 | |
| 1977 | 1,075.9 | 133.00 | | 1,267.2 | 109.00 | | 160.9 | 138.00 | | 225.5 | 132.00 | | 120.9 | 112.00 | |
| 1978 | 1,224.2 | 119.00 | | 1,494.6 | 110.00 | | 207.4 | 126.00 | | 221.0 | 154.00 | | 186.4 | 115.00 | |
| 1979 | 1,336.7 | 125.00 | | 1,953.8 | 103.00 | | 136.6 | 133.00 | | 255.7 | 135.00 | | 129.8 | 110.00 | |
| 1980 | 1,202.4 | 97.40 | | 2,136.9 | 73.70 | | 167.5 | 112.00 | | 194.7 | 78.70 | | 164.8 | 91.00 | |
| 1981 | 1,002.4 | 121.00 | | 1,798.4 | 87.90 | | 172.7 | 160.00 | | 190.0 | 77.10 | | 87.2 | 109.00 | |
| 1982 | 1,248.6 | 132.00 | | 1,807.8 | 103.00 | | 190.8 | 143.00 | | 209.9 | 132.00 | | 116.4 | 122.00 | |
| 1983 | 1,204.4 | 117.00 | | 1,984.7 | 89.00 | | 169.6 | 161.00 | | 283.3 | 106.00 | | 95.4 | 111.00 | |
| 1984 | 1,176.7 | 137.00 | | 1,886.3 | 88.00 | | 198.1 | 151.00 | | 288.6 | 123.00 | | 102.3 | 133.00 | |
| 1985 | 1,255.4 | 132.00 | | 1,842.1 | 75.00 | | 194.3 | 139.00 | | 242.4 | 132.00 | | 73.9 | 117.00 | |
| 1986 | 1,179.0 | 132.00 | | 1,648.9 | 96.60 | | 257.3 | 150.00 | | 199.4 | 123.00 | | 90.9 | 125.00 | |
| 1987 | 1,289.6 | 118.00 | | 2,924.8 | 57.90 | | 248.8 | 132.00 | | 283.8 | 67.70 | | 73.2 | 100.00 | |
| 1988 3/ | 1,399.1 | 152.00 | | 1,818.1 | 96.70 | | 275.7 | 164.00 | | 285.0 | 104.00 | | 66.7 | 131.00 | |

1/ Commercial crop.

2/ Includes vinegar, wine, jam, fresh slices for pie making.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 12--Fresh apples: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | | Per capita pounds |
|--------------|------------|---------|-----------------|--------------------|-----------|---------|-------------|-------------------------|
| | Production | Imports | Total supply | Exports | Shipments | Total | Consumption | |
| | | | | --Million pounds-- | | | | |
| 1970/71 | 3,531.5 | 95.6 | 3,627.1 | 104.5 | 11.0 | 3,511.6 | 17.01 | |
| 1971/72 | 3,483.9 | 79.1 | 3,563.0 | 119.5 | 14.3 | 3,429.2 | 16.41 | |
| 1972/73 | 3,342.9 | 103.3 | 3,446.2 | 149.8 | 19.3 | 3,277.1 | 15.53 | |
| 1973/74 | 3,539.4 | 89.3 | 3,628.7 | 166.9 | 13.3 | 3,448.5 | 16.20 | |
| 1974/75 | 3,690.5 | 80.8 | 3,771.3 | 231.3 | 11.4 | 3,528.6 | 16.42 | |
| 1975/76 | 4,357.0 | 118.4 | 4,475.4 | 242.0 | 9.4 | 4,224.0 | 19.46 | |
| 1976/77 | 3,915.8 | 102.8 | 4,018.6 | 300.2 | 7.4 | 3,711.0 | 16.93 | |
| 1977/78 | 3,859.6 | 132.0 | 3,991.6 | 316.8 | 8.5 | 3,666.3 | 16.55 | |
| 1978/79 | 4,210.4 | 157.6 | 4,368.0 | 324.7 | 13.1 | 4,030.2 | 18.00 | |
| 1979/80 | 4,288.6 | 152.1 | 4,440.7 | 522.8 | 14.8 | 3,903.1 | 17.24 | |
| 1980/81 | 4,934.1 | 180.1 | 5,114.2 | 692.3 | 18.6 | 4,403.3 | 19.23 | |
| 1981/82 | 4,442.2 | 157.1 | 4,599.3 | 598.5 | 14.4 | 4,000.8 | 17.23 | |
| 1982/83 | 4,536.7 | 190.5 | 4,727.2 | 585.5 | 12.6 | 4,129.1 | 17.67 | |
| 1983/84 | 4,619.8 | 237.0 | 4,856.8 | 500.5 | 9.5 | 4,346.8 | 18.42 | |
| 1984/85 | 4,666.1 | 257.2 | 4,923.3 | 461.5 | 9.9 | 4,451.9 | 18.69 | |
| 1985/86 | 4,227.7 | 302.2 | 4,529.9 | 317.9 | 9.9 | 4,202.1 | 17.47 | |
| 1986/87 | 4,531.8 | 303.8 | 4,835.6 | 381.9 | 14.1 | 4,439.6 | 18.28 | |
| 1987/88 | 5,631.6 | 264.3 | 5,895.9 | 667.5 | 10.3 | 5,218.1 | 21.28 | |

1/ Season beginning August 1.

Source: Commodity Economics Division, ERS, USDA.

Table 13--Avocados: Production, season-average grower price, and value, by States, 1970 to date

| Season 1/ | California | | | Florida | | | United States | | |
|--------------|--------------|-----------------|------------------|--------------|-----------------|------------------|---------------|-----------------|------------------|
| | Production | Price | Value | Production | Price | Value | Production | Price | Value |
| | Short ton | Dollars/ ton | 1,000 dollars | Short ton | Dollars/ ton | 1,000 dollars | Short ton | Dollars/ ton | 1,000 dollars |
| 1970 | 67,000 | 376.00 | 25,192 | 18,800 | 290.00 | 5,452 | 85,800 | 357.00 | 30,644 |
| 1971 | 26,100 | 952.00 | 24,847 | 19,300 | 338.00 | 6,523 | 45,400 | 691.00 | 31,370 |
| 1972 | 70,500 | 546.00 | 38,493 | 18,800 | 321.00 | 6,035 | 89,300 | 499.00 | 44,528 |
| 1973 | 53,400 | 793.00 | 42,346 | 20,300 | 355.00 | 7,207 | 73,700 | 672.00 | 49,553 |
| 1974 | 105,500 | 475.00 | 50,113 | 21,900 | 327.00 | 7,161 | 127,400 | 450.00 | 57,274 |
| 1975 | 58,400 | 1,037.00 | 60,561 | 29,000 | 400.00 | 11,600 | 87,400 | 826.00 | 72,161 |
| 1976 | 120,000 | 593.00 | 71,160 | 21,100 | 410.00 | 8,651 | 141,100 | 566.00 | 79,811 |
| 1977 | 107,000 | 740.00 | 79,180 | 10,700 | 690.00 | 7,383 | 117,700 | 735.00 | 86,563 |
| 1978 | 123,000 | 691.00 | 84,993 | 23,100 | 400.00 | 9,240 | 146,100 | 645.00 | 94,233 |
| 1979 | 75,000 | 1,496.00 | 112,200 | 27,300 | 597.00 | 16,298 | 102,300 | 1,256.00 | 128,498 |
| 1980 | 238,000 | 357.00 | 84,966 | 30,800 | 529.00 | 16,293 | 268,800 | 377.00 | 101,259 |
| 1981 | 157,000 | 689.00 | 108,173 | 25,800 | 501.00 | 12,926 | 182,800 | 662.00 | 121,099 |
| 1982 | 202,000 | 460.00 | 92,920 | 34,700 | 480.00 | 16,656 | 236,700 | 463.00 | 109,576 |
| 1983 | 247,000 | 370.00 | 91,390 | 27,000 | 460.00 | 12,420 | 274,000 | 379.00 | 103,810 |
| 1984 | 200,000 | 582.00 | 116,400 | 29,500 | 390.00 | 11,505 | 229,500 | 557.00 | 127,905 |
| 1985 | 160,000 | 1,000.00 | 160,000 | 28,500 | 576.00 | 16,416 | 188,500 | 936.00 | 176,416 |
| 1986 | 278,000 | 338.00 | 93,964 | 24,700 | 412.00 | 10,176 | 302,700 | 344.00 | 104,140 |
| 1987 | 180,000 | 1,140.00 | 205,200 | 29,000 | 312.00 | 9,048 | 209,000 | 1,030.00 | 214,248 |
| 1988 2/ | 156,000 | 1,200.00 | 187,200 | 27,000 | 436.00 | 11,772 | 183,000 | 1,090.00 | 198,972 |

1/ Season beginning November 1 to November 30 (following year) for California and June 20 to February 28 for Florida.
2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 14--Cherries, sweet: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|---------------|----------|-------------|------------|-----------------|------------|--------|
| | Total | Utilized | Fresh | Processing | Fresh | Processing | All |
| | --Short ton-- | | | | --Dollars/ton-- | | |
| 1970 | 122,260 | 121,530 | 48,292 | 73,238 | 475.00 | 276.00 | 355.00 |
| 1971 | 141,290 | 139,990 | 68,627 | 71,363 | 409.00 | 224.00 | 315.00 |
| 1972 | 96,050 | 95,840 | 41,668 | 54,172 | 589.00 | 223.00 | 382.00 |
| 1973 | 158,630 | 154,630 | 82,839 | 71,791 | 412.00 | 296.00 | 358.00 |
| 1974 | 146,980 | 146,980 | 67,516 | 79,464 | 538.00 | 350.00 | 436.00 |
| 1975 | 155,710 | 155,710 | 77,300 | 78,410 | 540.00 | 296.00 | 407.00 |
| 1976 | 172,310 | 167,080 | 94,510 | 72,570 | 417.00 | 323.00 | 384.00 |
| 1977 | 148,920 | 148,420 | 72,320 | 76,100 | 594.00 | 399.00 | 495.00 |
| 1978 | 156,780 | 156,780 | 66,670 | 90,110 | 867.00 | 555.00 | 688.00 |
| 1979 | 184,180 | 184,030 | 86,030 | 98,000 | 713.00 | 509.00 | 604.00 |
| 1980 | 173,700 | 168,300 | 86,460 | 81,840 | 723.00 | 375.00 | 554.00 |
| 1981 | 154,540 | 147,520 | 71,738 | 75,782 | 936.00 | 447.00 | 685.00 |
| 1982 | 156,600 | 134,610 | 67,610 | 67,000 | 968.00 | 427.00 | 699.00 |
| 1983 | 181,200 | 168,765 | 95,090 | 73,675 | 785.00 | 430.00 | 630.00 |
| 1984 | 181,800 | 164,250 | 90,490 | 73,760 | 799.00 | 377.00 | 609.00 |
| 1985 | 132,500 | 126,500 | 53,040 | 73,460 | 1,192.00 | 515.00 | 799.00 |
| 1986 | 137,710 | 136,760 | 68,620 | 68,140 | 1,090.00 | 553.00 | 825.00 |
| 1987 | 214,800 | 212,820 | 108,330 | 104,490 | 952.00 | 536.00 | 748.00 |
| 1988 1/ | 186,200 | 184,510 | 87,520 | 96,990 | 1,100.00 | 509.00 | 788.00 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 15--Cherries, tart: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|--------------------|------------|----------|-------------|-----------------|--------------|------------|------|
| | Total | Utilized | Fresh | Processing | Fresh | Processing | All |
| --Million pounds-- | | | | --Cents/pound-- | | | |
| 1970 | 248.8 | 235.8 | 10.0 | 225.8 | 11.6 | 7.4 | 7.6 |
| 1971 | 277.3 | 276.0 | 8.8 | 267.3 | 11.2 | 9.7 | 9.8 |
| 1972 | 311.8 | 268.6 | 6.3 | 262.3 | 12.0 | 8.1 | 8.2 |
| 1973 | 174.6 | 173.4 | 5.4 | 168.0 | 17.1 | 19.1 | 19.0 |
| 1974 | 264.9 | 264.6 | 4.4 | 260.2 | 20.4 | 18.5 | 18.5 |
| 1975 | 290.5 | 246.1 | 7.2 | 238.9 | 17.8 | 10.1 | 10.2 |
| 1976 | 146.6 | 146.6 | 6.0 | 140.6 | 24.3 | 25.1 | 25.1 |
| 1977 | 210.9 | 210.9 | 6.1 | 204.8 | 28.8 | 29.4 | 29.4 |
| 1978 | 181.2 | 181.2 | 5.0 | 176.2 | 38.6 | 43.9 | 43.8 |
| 1979 | 170.4 | 170.4 | 4.3 | 166.1 | 39.4 | 47.5 | 47.2 |
| 1980 | 218.1 | 216.2 | 6.3 | 209.9 | 29.5 | 19.9 | 20.2 |
| 1981 | 133.2 | 132.8 | 4.0 | 128.8 | 42.7 | 44.5 | 44.5 |
| 1982 | 310.9 | 244.9 | 7.4 | 237.5 | 27.6 | 13.7 | 14.1 |
| 1983 | 154.6 | 153.6 | 5.3 | 148.3 | 48.5 | 46.5 | 46.6 |
| 1984 | 271.6 | 255.9 | 7.9 | 248.0 | 44.2 | 24.4 | 25.0 |
| 1985 | 286.2 | 280.2 | 7.6 | 272.6 | 33.4 | 22.1 | 22.4 |
| 1986 | 226.1 | 218.4 | 5.5 | 212.9 | 32.3 | 20.0 | 20.3 |
| 1987 | 358.5 | 285.6 | 9.0 | 276.6 | 23.0 | 7.3 | 7.8 |
| 1988 1/ | 236.2 | 233.5 | 5.0 | 228.5 | 43.9 | 22.6 | 23.1 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 16--Cranberries: Bearing acreage, yield per acre, production, utilization, season-average grower price, value, United States, 1970 to date

| Year | Bearing acreage | Yield per acre | Production 1/ | | Utilization | | | Price 3/ | Value |
|---------|--------------------|-------------------|-------------------|----------|-------------|-----------|--------------|---------------------|------------------|
| | | | Total | Utilized | Fresh | Processed | Shrinkage 2/ | | |
| Acres | | | --1,000 barrels-- | | | | | Dollars/ barrels | 1,000 dollars |
| 1970 | 21,745 | 93.7 | 2,036.6 | 1,844.6 | 367.0 | 1,400.0 | 77.6 | 10.70 | 19,675 |
| 1971 | 22,410 | 101.1 | 2,264.8 | 1,639.8 | 401.0 | 1,158.8 | 80.0 | 10.70 | 17,599 |
| 1972 | 22,590 | 92.0 | 2,078.0 | 2,078.0 | 321.5 | 1,567.1 | 189.4 | 12.50 | 26,021 |
| 1973 | 23,100 | 90.9 | 2,100.3 | 2,100.3 | 398.5 | 1,407.2 | 231.6 | 13.50 | 28,384 |
| 1974 | 23,400 | 95.6 | 2,236.0 | 2,236.0 | 317.5 | 1,486.7 | 431.8 | 11.00 | 24,715 |
| 1975 | 23,300 | 89.1 | 2,075.1 | 2,075.1 | 310.9 | 1,444.2 | 320.0 | 13.10 | 27,112 |
| 1976 | 23,080 | 104.3 | 2,407.3 | 2,407.3 | 407.0 | 1,755.5 | 244.8 | 13.50 | 32,454 |
| 1977 | 22,540 | 93.3 | 2,102.2 | 2,102.2 | 405.5 | 1,454.0 | 242.7 | 18.10 | 38,154 |
| 1978 | 23,120 | 106.3 | 2,458.5 | 2,458.5 | 404.0 | 1,917.7 | 136.8 | 21.50 | 52,903 |
| 1979 | 23,200 | 106.7 | 2,475.5 | 2,475.5 | 302.0 | 2,067.0 | 106.5 | 26.70 | 66,039 |
| 1980 | 23,190 | 116.3 | 2,697.5 | 2,697.5 | 326.1 | 2,259.6 | 111.8 | 33.20 | 89,462 |
| 1981 | 23,150 | 112.0 | 2,593.0 | 2,593.0 | 479.6 | 1,977.1 | 136.3 | 41.50 | 107,494 |
| 1982 | 23,310 | 130.4 | 3,039.0 | 3,039.0 | 494.1 | 2,380.8 | 164.1 | 46.70 | 142,050 |
| 1983 | 23,550 | 126.8 | 2,986.0 | 2,986.0 | 321.3 | 2,588.1 | 76.6 | 52.00 | 155,282 |
| 1984 | 23,820 | 139.5 | 3,322.0 | 3,322.0 | 293.8 | 2,944.5 | 83.7 | 54.50 | 180,940 |
| 1985 | 24,400 | 142.8 | 3,485.0 | 3,485.0 | 313.8 | 3,093.2 | 78.0 | 54.50 | 189,925 |
| 1986 | 24,900 | 146.2 | 3,640.0 | 3,640.0 | 337.2 | 3,157.4 | 145.4 | 44.70 | 162,866 |
| 1987 | 25,500 | 130.2 | 3,321.0 | 3,321.0 | 296.3 | 2,969.0 | 55.7 | 44.50 | 147,798 |
| 1988 5/ | 25,900 | 155.2 | 4,019.0 | 4,019.0 | (6) | (6) | (6) | (6) | 178,861 |

1/ Differences between total and utilized production are cranberries that were put in set-aside under the Cranberry Market Order. Cranberries put in set-aside, but sold for exports are included in utilized production. 2/ Cranberries paid for by processors and lost because of dehydration and berry breakdown after delivery. 3/ Equivalent returns at first delivery point, screened basis of utilized production. 4/ Season average prices for 1988 are not available; 1987 prices use to compute 1988 value. 5/ Preliminary. 6/ Available August 23, 1989.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 17--Grapes: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|----------------------|-------------|-----------------------|------------|--------------|------------|--------|
| | Total 1/ | Utilized 2/ | Fresh | Processing | Fresh | Processing | All |
| | --1,000 short tons-- | | --Dollars/short ton-- | | | | |
| 1970 | 3,103.3 | 3,103.3 | 390.0 | 2,713.3 | 181.00 | 81.80 | 94.20 |
| 1971 | 3,994.4 | 3,994.4 | 392.7 | 3,601.8 | 181.00 | 86.80 | 96.00 |
| 1972 | 2,578.7 | 2,578.7 | 358.6 | 2,220.1 | 329.00 | 139.00 | 165.00 |
| 1973 | 4,198.4 | 4,198.3 | 405.8 | 3,792.5 | 305.00 | 148.00 | 162.00 |
| 1974 | 4,198.8 | 4,198.8 | 434.5 | 3,764.3 | 267.00 | 124.00 | 139.00 |
| 1975 | 4,366.4 | 4,365.1 | 498.2 | 3,866.9 | 337.00 | 116.00 | 142.00 |
| 1976 | 4,398.3 | 4,093.0 | 466.3 | 3,626.7 | 369.00 | 129.00 | 155.00 |
| 1977 | 4,297.8 | 4,296.3 | 481.4 | 3,814.9 | 438.00 | 163.00 | 194.00 |
| 1978 | 4,566.7 | 4,317.9 | 437.3 | 3,880.6 | 496.00 | 203.00 | 233.00 |
| 1979 | 4,989.0 | 4,988.7 | 524.1 | 4,464.6 | 417.00 | 215.00 | 236.00 |
| 1980 | 5,595.2 | 5,594.9 | 569.1 | 5,025.8 | 560.00 | 203.00 | 240.00 |
| 1981 | 4,458.2 | 4,457.6 | 526.5 | 3,931.1 | 530.00 | 266.00 | 297.00 |
| 1982 | 6,555.1 | 5,864.9 | 706.4 | 5,158.5 | 455.00 | 202.00 | 232.00 |
| 1983 | 5,505.7 | 5,360.2 | 671.1 | 4,689.1 | 436.00 | 165.00 | 199.00 |
| 1984 | 5,193.9 | 5,168.8 | 676.9 | 4,491.9 | 371.00 | 162.00 | 190.00 |
| 1985 | 5,606.7 | 5,606.6 | 781.1 | 4,825.5 | 292.00 | 151.00 | 171.00 |
| 1986 | 5,225.9 | 5,225.3 | 779.4 | 4,445.9 | 463.00 | 184.00 | 226.00 |
| 1987 | 5,264.0 | 5,250.5 | 716.3 | 4,534.1 | 534.00 | 215.00 | 259.00 |
| 1988 3/ | 5,986.0 | 5,984.4 | 796.3 | 5,188.0 | 425.00 | 224.00 | 251.00 |

1/ Includes unharvested and harvested not sold.

2/ Some figures may not add due to rounding.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 18--Grapes: Processed utilization and season-average grower price, United States, 1970 to date

| Year | Canned | | | Juice | | | Wine | | | Dried | | | Other 1/ | | |
|---------|------------------|-------------|--|------------------|-------------|--|------------------|-------------|--|------------------|-------------|--|------------------|-------------|--|
| | Quantity | Price | | Quantity | Price | | Quantity | Price | | Quantity | Price | | Quantity | Price | |
| | 1,000 short tons | Dollars/ton | | 1,000 short tons | Dollars/ton | | 1,000 short tons | Dollars/ton | | 1,000 short tons | Dollars/ton | | 1,000 short tons | Dollars/ton | |
| 1970 | 53.7 | 89.00 | | 243.6 | 146.00 | | 1,583.2 | 79.00 | | 821.8 | 66.60 | | 11.0 | 146.00 | |
| 1971 | 58.4 | 94.00 | | 332.8 | 135.00 | | 2,309.7 | 85.20 | | 892.9 | 72.10 | | 4.9 | 135.00 | |
| 1972 | 50.5 | 116.00 | | 206.1 | 161.00 | | 1,520.2 | 138.00 | | 437.4 | 135.00 | | 5.9 | 161.00 | |
| 1973 | 59.0 | 135.00 | | 186.7 | 198.00 | | 2,567.3 | 133.00 | | 969.3 | 175.00 | | 10.2 | 198.00 | |
| 1974 | 61.2 | 152.00 | | 252.6 | 177.00 | | 2,415.7 | 110.00 | | 1,023.8 | 141.00 | | 11.0 | 178.00 | |
| 1975 | 52.7 | 138.00 | | 266.9 | 155.00 | | 2,275.5 | 92.10 | | 1,252.4 | 151.00 | | 19.4 | 127.00 | |
| 1976 | 48.0 | 152.00 | | 282.8 | 149.00 | | 2,321.7 | 115.00 | | 982.5 | 157.00 | | 11.6 | 123.00 | |
| 1977 | 54.0 | 183.00 | | 207.6 | 210.00 | | 2,411.5 | 149.00 | | 1,134.0 | 184.00 | | 7.8 | 193.00 | |
| 1978 | 55.0 | 241.00 | | 389.8 | 196.00 | | 2,671.5 | 192.00 | | 1,759.0 | 243.00 | | 5.4 | 208.00 | |
| 1979 | 60.0 | 256.00 | | 306.4 | 203.00 | | 2,713.1 | 196.00 | | 1,380.9 | 253.00 | | 4.3 | 215.00 | |
| 1980 | 63.0 | 262.00 | | 344.7 | 181.00 | | 2,996.3 | 190.00 | | 1,620.0 | 230.00 | | 1.8 | 210.00 | |
| 1981 | 42.0 | 260.00 | | 334.1 | 188.00 | | 2,521.6 | 250.00 | | 1,032.0 | 329.00 | | 1.5 | 196.00 | |
| 1982 | 35.0 | 255.00 | | 348.1 | 173.00 | | 3,227.5 | 192.00 | | 1,547.5 | 220.00 | | 0.7 | 149.00 | |
| 1983 | 35.0 | 211.00 | | 2/ 446.4 | 139.00 | | 2,422.7 | 193.00 | | 1,785.0 | 132.00 | | N.A. | N.A. | |
| 1984 | 30.0 | 213.00 | | 2/ 376.3 | 113.00 | | 2,693.2 | 174.00 | | 1,392.5 | 153.00 | | N.A. | N.A. | |
| 1985 | 45.0 | 213.00 | | 2/ 296.5 | 129.00 | | 2,919.3 | 162.00 | | 1,565.7 | 134.00 | | N.A. | N.A. | |
| 1986 | 40.0 | 210.00 | | 2/ 309.9 | 180.00 | | 2,907.5 | 187.00 | | 1,188.5 | 177.00 | | N.A. | N.A. | |
| 1987 | 40.0 | 220.00 | | 2/ 407.5 | 205.00 | | 2,647.6 | 223.00 | | 1,439.0 | 203.00 | | N.A. | N.A. | |
| 1988 3/ | 40.0 | 225.00 | | 2/ 345.6 | 216.00 | | 2,975.5 | 254.00 | | 1,827.0 | 178.00 | | N.A. | N.A. | |

N.A.= not available.

1/ Includes jam, jelly, and etc.

2/ Includes small quantities of other processing (jam, jelly, etc.)

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 19-Grapes: Production, and season-average grower price, California, 1970 to date 1/

| Year | Wine type | | | Table type | | | Raisin type 2/ | | | Raisin dried 3/ | | | Raisin not dried | | | All types | | |
|---------|-----------------------------------|--------------------------|---------------------|-----------------------------------|--------------------------|---------------------|-----------------------------------|--------------------------|---------------------|-----------------------------------|--------------------------|---------------------|-----------------------------------|--------------------------|---------------------|-----------------------------------|--------------------------|--|
| | Production 1,000 short tons | Price Dollars/ ton | 1,000 short tons | Production 1,000 short tons | Price Dollars/ ton | 1,000 short tons | Production 1,000 short tons | Price Dollars/ ton | 1,000 short tons | Production 1,000 short tons | Price Dollars/ ton | 1,000 short tons | Production 1,000 short tons | Price Dollars/ ton | 1,000 short tons | Production 1,000 short tons | Price Dollars/ ton | |
| | | | | | | | | | | | | | | | | | | |
| 1970 | 531.0 | 117.00 | 345.0 | 109.00 | 71.60 | 1,871.0 | 193.0 | 283.00 | 1,051.0 | 75.40 | 2,747.0 | 85. | | | | | | |
| 1971 | 765.0 | 139.00 | 454.0 | 96.10 | 68.40 | 2,312.0 | 194.1 | 329.00 | 1,419.0 | 66.40 | 3,531.0 | 87. | | | | | | |
| 1972 | 630.0 | 222.00 | 301.0 | 210.00 | 123.00 | 1,344.0 | 105.0 | 560.00 | 908.0 | 117.00 | 2,275.0 | 162. | | | | | | |
| 1973 | 1,040.0 | 208.00 | 475.0 | 174.00 | 133.00 | 2,376.0 | 224.0 | 754.00 | 1,409.0 | 104.00 | 3,891.0 | 158. | | | | | | |
| 1974 | 1,238.0 | 133.00 | 586.0 | 131.00 | 128.00 | 1,970.0 | 241.5 | 602.00 | 951.4 | 113.00 | 3,794.0 | 130. | | | | | | |
| 1975 | 1,313.0 | 110.00 | 434.0 | 218.00 | 137.00 | 2,201.0 | 283.0 | 665.00 | 976.0 | 118.00 | 3,948.0 | 137. | | | | | | |
| 1976 | 1,323.0 | 136.00 | 405.0 | 217.00 | 150.00 | 2,250.0 | 283.0 | 702.00 | 976.0 | 143.00 | 3,978.0 | 152. | | | | | | |
| 1977 | 1,563.0 | 175.00 | 488.0 | 269.00 | 183.00 | 1,935.0 | 248.3 | 840.00 | 803.0 | 108.00 | 3,986.0 | 190. | | | | | | |
| 1978 | 1,706.0 | 210.00 | 393.0 | 342.00 | 229.00 | 1,918.0 | 228.3 | 1,067.00 | 912.0 | 217.00 | 4,017.0 | 232. | | | | | | |
| 1979 | 1,821.0 | 214.00 | 417.0 | 310.00 | 239.00 | 1,918.0 | 302.3 | 1,151.00 | 944.0 | 219.00 | 4,558.0 | 236. | | | | | | |
| 1980 | 2,004.0 | 210.00 | 428.0 | 410.00 | 237.00 | 2,692.0 | 309.0 | 1,205.00 | 1,080.0 | 245.00 | 5,124.0 | 241. | | | | | | |
| 1981 | 1,794.0 | 266.00 | 420.0 | 440.00 | 306.00 | 1,779.0 | 256.0 | 1,315.00 | 755.0 | 275.00 | 3,993.0 | 302. | | | | | | |
| 1982 | 2,402.0 | 218.00 | 612.0 | 344.00 | 218.00 | 3,062.0 | 292.0 | 1,153.00 | 1,112.0 | 214.00 | 6,076.0 | 231. | | | | | | |
| 1983 | 1,880.0 | 209.00 | 504.0 | 351.00 | 158.00 | 2,535.0 | 396.0 | 587.00 | 617.0 | 236.00 | 4,919.0 | 199. | | | | | | |
| 1984 | 1,900.0 | 201.00 | 475.0 | 304.00 | 156.00 | 2,295.0 | 334.5 | 635.00 | 892.0 | 161.00 | 4,670.0 | 190. | | | | | | |
| 1985 | 2,140.0 | 184.00 | 580.0 | 230.00 | 141.00 | 2,295.0 | 346.0 | 612.00 | 930.0 | 149.00 | 5,207.0 | 168. | | | | | | |
| 1986 | 2,105.0 | 207.00 | 620.0 | 307.00 | 213.00 | 2,045.0 | 277.0 | 757.00 | (5) | (5) | 4,770.0 | 222. | | | | | | |
| 1987 | 1,950.0 | 248.00 | 540.0 | 435.00 | 223.00 | 2,170.0 | 356.0 | 817.00 | (5) | (5) | 4,660.0 | 258. | | | | | | |
| 1988 4/ | 2,180.0 | 297.00 | 755.0 | 262.00 | 201.00 | 2,550.0 | 363.0 | 888.00 | (5) | (5) | 5,485.0 | 247. | | | | | | |

1/ Price derived from unrounded data for all types and raisin type. 2/ Fresh equivalent of dried and not dried. 3/ Dried basis: 1 ton of raisins equivalent to 4.26 tons for 1986, 4.02 tons for 1987, and 5.00 tons for 1988. Includes substandard raisins diverted to other uses. 4/ Preliminary. 5/ No longer reported.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 20--Fresh grapes: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | |
|--------------------|------------|---------|--------------|-------------|-----------|-------------|------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption | |
| | | | | | | Total | Per capita |
| --Million pounds-- | | | | | | | Pounds |
| 1970/71 | 703.9 | 44.5 | 748.4 | 228.6 | 4.2 | 515.6 | 2.50 |
| 1971/72 | 725.3 | 25.4 | 750.7 | 281.3 | 4.0 | 465.4 | 2.23 |
| 1972/73 | 659.7 | 19.7 | 679.4 | 206.0 | 5.6 | 467.8 | 2.22 |
| 1973/74 | 773.3 | 30.0 | 803.3 | 228.2 | 5.4 | 569.7 | 2.68 |
| 1974/75 | 807.1 | 42.4 | 849.5 | 232.1 | 5.2 | 612.2 | 2.85 |
| 1975/76 | 906.3 | 46.2 | 952.5 | 252.0 | 6.2 | 694.3 | 3.20 |
| 1976/77 | 861.9 | 60.1 | 922.0 | 214.8 | 2.9 | 704.3 | 3.23 |
| 1977/78 | 881.9 | 65.4 | 947.3 | 241.2 | 3.1 | 703.0 | 3.17 |
| 1978/79 | 808.3 | 99.9 | 908.2 | 210.5 | 4.9 | 692.8 | 3.09 |
| 1979/80 | 976.7 | 88.6 | 1,065.3 | 256.7 | 6.6 | 802.0 | 3.54 |
| 1980/81 | 1,024.6 | 123.5 | 1,148.1 | 269.6 | 6.4 | 872.1 | 3.81 |
| 1981/82 | 979.5 | 201.5 | 1,181.0 | 247.7 | 4.8 | 928.5 | 4.01 |
| 1982/83 | 1,323.3 | 279.5 | 1,602.8 | 240.6 | 4.7 | 1,357.5 | 5.81 |
| 1983/84 | 1,213.4 | 320.8 | 1,534.2 | 246.1 | 2.0 | 1,286.1 | 5.45 |
| 1984/85 | 1,353.8 | 427.2 | 1,781.0 | 234.7 | 2.9 | 1,543.4 | 6.48 |
| 1985/86 | 1,562.2 | 463.6 | 2,025.8 | 230.9 | 2.9 | 1,792.0 | 7.45 |
| 1986/87 | 1,558.8 | 540.6 | 2,099.4 | 329.6 | 3.4 | 1,766.4 | 7.27 |
| 1987/88 | 1,432.6 | 661.8 | 2,094.4 | 229.6 | 2.9 | 1,861.9 | 7.63 |

1/ Season beginning July 1.

Source: Commodity Economics Division, ERS, USDA.

Table 21--Dried raisins: Supply and utilization, 1970 to date

| Season 1/ 1970/71 | Supply | | | | | Utilization | | | | | Consumption | |
|--------------------------------------|------------|---------|---------------------|-----------------|------------------|--------------|---------|-----------|---------|-------|---------------|--------|
| | production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Exports | Shipments | Nonfood | Total | Per capita | |
| | | | | | | | | | | | | Pounds |
| --Million pounds, processed weight-- | | | | | | | | | | | | |
| 1970/71 | 359.8 | 2.2 | 160.9 | 522.9 | 114.3 | 408.6 | 124.9 | 0.0 | 9.3 | 274.4 | 1.33 | |
| 1971/72 | 362.4 | 6.5 | 114.3 | 483.2 | 50.5 | 432.7 | 148.3 | 0.0 | 0.0 | 284.4 | 1.36 | |
| 1972/73 | 196.0 | 6.1 | 50.5 | 252.6 | 5.7 | 246.9 | 46.8 | 0.0 | 0.0 | 200.1 | 0.95 | |
| 1973/74 | 417.7 | 2.6 | 5.7 | 426.0 | 34.2 | 391.8 | 99.7 | 0.0 | 0.0 | 292.1 | 1.37 | |
| 1974/75 | 450.4 | 0.1 | 34.2 | 484.7 | 90.5 | 394.2 | 110.7 | 0.0 | 0.0 | 283.5 | 1.32 | |
| 1975/76 | 527.6 | 0.6 | 90.5 | 618.7 | 124.6 | 494.1 | 143.0 | 0.0 | 0.0 | 351.1 | 1.62 | |
| 1976/77 | 271.2 | 32.0 | 124.6 | 427.8 | 68.2 | 359.6 | 80.4 | 0.0 | 0.0 | 279.2 | 1.27 | |
| 1977/78 | 463.0 | 2.1 | 68.2 | 533.3 | 130.7 | 402.6 | 117.4 | 0.0 | 0.0 | 285.2 | 1.29 | |
| 1978/79 | 320.8 | 35.0 | 130.7 | 486.5 | 34.9 | 451.6 | 44.4 | 0.0 | 189.3 | 217.9 | 0.97 | |
| 1979/80 | 559.5 | 1.3 | 34.9 | 595.7 | 108.4 | 487.3 | 149.1 | 0.0 | 0.0 | 338.2 | 1.49 | |
| 1980/81 | 577.6 | 0.0 | 108.4 | 686.0 | 201.4 | 484.6 | 143.0 | 0.7 | 0.0 | 340.9 | 1.49 | |
| 1981/82 | 479.9 | 1.2 | 201.4 | 682.5 | 159.7 | 522.8 | 122.8 | 2.0 | 0.0 | 398.0 | 1.72 | |
| 1982/83 | 549.3 | 10.8 | 159.7 | 719.8 | 176.6 | 543.2 | 113.9 | 1.5 | 0.0 | 427.8 | 1.83 | |
| 1983/84 | 741.2 | 5.9 | 176.6 | 923.7 | 284.6 | 639.1 | 115.0 | 1.3 | 72.8 | 450.0 | 1.91 | |
| 1984/85 | 623.1 | 1.4 | 284.6 | 909.1 | 291.3 | 617.8 | 120.5 | 1.3 | 0.0 | 496.0 | 2.08 | |
| 1985/86 | 647.2 | 7.4 | 291.3 | 945.9 | 388.8 | 557.1 | 115.0 | 1.5 | 0.0 | 440.6 | 1.83 | |
| 1986/87 | 518.8 | 12.2 | 388.8 | 919.8 | 229.0 | 690.8 | 158.6 | 1.5 | 0.0 | 530.7 | 2.19 | |
| 1987/88 | 665.9 | 18.2 | 229.0 | 913.1 | 296.1 | 617.0 | 216.9 | 0.0 | 0.0 | 400.1 | 1.63 | |

1/ Season beginning September 1.

Source: Commodity Economics Division, ERS, USDA.

Table 22--Kiwifruit: Acreage, production, season-average grower price, and value, California, 1980 to date 1/

| Year | Bearing acreage | Production | Prices | Value |
|---------|--------------------|------------|-----------------|------------------|
| | Acres | Short tons | Dollars/ ton | 1 000 dollars |
| 1980 | 1,600 | 5,300 | 2,400.00 | 10,080 |
| 1981 | 3,000 | 6,900 | 2,000.00 | 11,000 |
| 1982 | 3,400 | 15,500 | 920.00 | 10,580 |
| 1983 | 3,100 | 13,500 | 1,235.00 | 14,203 |
| 1984 | 3,800 | 18,000 | 1,068.00 | 17,729 |
| 1985 | 4,800 | 22,000 | 813.00 | 16,667 |
| 1986 | 5,600 | 24,300 | 1,030.00 | 24,102 |
| 1987 | 6,800 | 29,000 | 710.00 | 18,886 |
| 1988 2/ | 6,900 | 32,700 | 760.00 | 22,420 |

1/ First estimates were in 1980.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 23--Mangos: Acreage, bearing trees, production, season-average grower price, and value, United States, 1970 to date

| Crop year | Acreage | | | Bearing trees | Production | Prices 2/ | Value |
|--------------|-----------|----------------|---------|------------------|------------|-----------|------------------|
| | Total | Non-bearing 1/ | Bearing | | | | |
| | --Acres-- | | | 1,000 | Bushels | Dollars | 1 000 dollars |
| 1970 | 1,450 | 50 | 1,400 | 103 | 148,000 | 3.10 | 459 |
| 1971 | 1,450 | 50 | 1,400 | 104 | 180,000 | 5.50 | 990 |
| 1972 | 1,450 | 50 | 1,400 | 104 | 175,000 | 8.00 | 1,400 |
| 1973 | 1,750 | 50 | 1,400 | 105 | 250,000 | 5.75 | 1,438 |
| 1974 | 1,400 | 50 | 1,350 | 101 | 225,000 | 8.50 | 1,912 |
| 1975 | 1,800 | 150 | 1,650 | 124 | 325,000 | 8.75 | 2,844 |
| 1976 | 1,900 | 200 | 1,700 | 133 | 400,000 | 7.50 | 3,000 |
| 1977 | 1,800 | 150 | 1,650 | 130 | 175,000 | 13.75 | 2,406 |
| 1978 | 1,750 | 100 | 1,650 | 132 | 225,000 | 9.50 | 2,138 |
| 1979 | 1,750 | 300 | 1,450 | 116 | 260,000 | 11.30 | 2,938 |
| 1980 | 1,800 | 350 | 1,450 | 118 | 250,000 | 12.00 | 3,000 |
| 1981 | 1,900 | 450 | 1,450 | 123 | 240,000 | 13.90 | 3,336 |
| 1982 | 2,200 | 700 | 1,500 | 130 | 225,000 | 16.00 | 3,600 |
| 1983 | 2,400 | 900 | 1,500 | 137 | 350,000 | 12.00 | 4,200 |
| 1984 | 2,600 | 900 | 1,700 | 145 | 450,000 | 12.50 | 5,625 |
| 1985 | 2,700 | 900 | 1,800 | 154 | 425,000 | 12.50 | 5,312 |
| 1986 | 2,700 | 600 | 2,100 | 188 | 400,000 | 11.00 | 4,400 |
| 1987 | 2,800 | 600 | 2,200 | 195 | 550,000 | 12.00 | 6,600 |
| 1988 3/ | 2,900 | 500 | 2,400 | 215 | 350,000 | 15.00 | 5,250 |

1/ Less than five years old.

2/ Price delivered to packing house door.

3/ Preliminary.

Sources: Florida Agricultural Statistics Service.

Table 24--Nectarines: Production, utilization, and season-average grower price, California, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|----------------|----------|-------------|------------|-----------------|------------|--------|
| | Total | Utilized | Fresh | Processing | Fresh | Processing | All |
| | --Short tons-- | | | | --Dollars/ton-- | | |
| 1970 | 66,500 | 66,500 | 65,300 | 1,200 | 153.00 | 91.90 | 152.00 |
| 1971 | 70,000 | 70,000 | 69,100 | 900 | 156.00 | 88.20 | 155.00 |
| 1972 | 87,000 | 87,000 | 86,400 | 600 | 177.00 | 106.00 | 177.00 |
| 1973 | 86,500 | 865,000 | 85,600 | 900 | 257.00 | 98.10 | 255.00 |
| 1974 | 117,000 | 117,000 | 115,600 | 1,400 | 230.00 | 91.50 | 228.00 |
| 1975 | 111,000 | 111,000 | 110,000 | 1,000 | 276.00 | 136.00 | 275.00 |
| 1976 | 128,000 | 128,000 | 127,500 | 500 | 245.00 | 162.00 | 245.00 |
| 1977 | 155,000 | 155,000 | 155,000 | N.A. | 205.00 | N.A. | 205.00 |
| 1978 | 148,000 | 148,000 | 144,700 | 3,300 | 313.00 | 44.10 | 307.00 |
| 1979 | 172,000 | 172,000 | 171,000 | 1,000 | 198.00 | 69.00 | 197.00 |
| 1980 | 191,000 | 191,000 | 190,500 | 500 | 231.00 | 78.00 | 231.00 |
| 1981 | 182,000 | 182,000 | 181,500 | 500 | 229.00 | 91.00 | 229.00 |
| 1982 | 178,000 | 178,000 | 175,900 | 2,100 | 251.00 | 49.00 | 249.00 |
| 1983 | 185,000 | 185,000 | 183,800 | 1,200 | 301.00 | 42.00 | 300.00 |
| 1984 | 183,000 | 183,000 | 182,800 | 200 | 316.00 | 70.00 | 316.00 |
| 1985 | 210,000 | 210,000 | 208,000 | 2,000 | 330.00 | 41.50 | 327.00 |
| 1986 | 172,000 | 172,000 | 170,000 | 2,000 | 445.00 | 35.00 | 440.00 |
| 1987 | 191,000 | 191,000 | 190,500 | 500 | 344.00 | 26.00 | 343.00 |
| 1988 1/ | 200,000 | 200,000 | 199,000 | 1,000 | 396.00 | 57.00 | 394.00 |

N.A. = not available.

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 25--Olives: Bearing acreage, yield per acre, production, utilization, and season-average grower price, value, California, 1970 to date

| Year | Bearing acreage | Yield per acre | Production | Utilization | | Processed Utilization | | | | Grower price | Value |
|------------------|--------------------|-------------------|------------|-------------|-----------|-----------------------|--------------------|-------------|--|-----------------|------------------|
| | | | | Fresh | Processed | Canned 1/ | Crushed for oil | Other 2/ | | | |
| | | | | | | | | | | | |
| -- Short tons -- | | | | | | | | | | | |
| | Acres | | | | | | | | | Dollars | 1,000 dollars |
| 1970 | 27,600 | 1.88 | 52,000 | 600 | 51,400 | 39,200 | 4,100 | 8,100 | | 247.00 | 12,844 |
| 1971 | 27,700 | 1.99 | 55,000 | 700 | 54,300 | 39,600 | 4,900 | 9,800 | | 148.00 | 8,140 |
| 1972 | 28,300 | 0.86 | 24,200 | 200 | 24,000 | 20,000 | 4,700 | 3,300 | | 415.00 | 10,043 |
| 1973 | 28,600 | 2.45 | 70,000 | 700 | 69,300 | 54,300 | 4,300 | 10,700 | | 392.00 | 27,440 |
| 1974 | 28,500 | 2.05 | 58,500 | 900 | 57,600 | 46,700 | 3,100 | 7,800 | | 434.00 | 25,389 |
| 1975 | 29,100 | 2.30 | 67,000 | 900 | 66,100 | 53,300 | 3,800 | 9,000 | | 336.00 | 22,512 |
| 1976 | 30,800 | 2.60 | 80,000 | 600 | 79,400 | 65,500 | 3,700 | 10,200 | | 330.00 | 26,400 |
| 1977 | 33,100 | 1.30 | 43,000 | 600 | 42,400 | 32,300 | 2,300 | 7,800 | | 403.00 | 17,329 |
| 1978 | 37,200 | 3.39 | 126,000 | 800 | 125,200 | 99,100 | 7,300 | 18,800 | | 303.00 | 38,178 |
| 1979 | 36,900 | 1.68 | 62,000 | 500 | 61,500 | 52,300 | 1,600 | 7,600 | | 408.00 | 25,296 |
| 1980 | 36,300 | 3.00 | 109,000 | 300 | 108,700 | 76,800 | 3,500 | 28,400 | | 368.00 | 40,137 |
| 1981 | 34,300 | 1.31 | 44,900 | 300 | 44,600 | 37,900 | 2,000 | 4,700 | | 695.00 | 31,222 |
| 1982 | 35,000 | 4.19 | 146,500 | 500 | 146,000 | 98,000 | 2,500 | 45,500 | | 517.00 | 75,795 |
| 1983 | 35,100 | 1.74 | 61,000 | 400 | 60,600 | 60,000 | 600 | N.A. | | 519.00 | 31,641 |
| 1984 | 33,800 | 2.68 | 90,600 | 400 | 90,200 | 76,700 | 2,900 | 10,600 | | 560.00 | 50,712 |
| 1985 | 32,900 | 2.92 | 96,000 | 500 | 95,500 | 76,100 | 5,800 | 13,600 | | 559.00 | 53,635 |
| 1986 | 32,300 | 3.45 | 111,500 | 500 | 111,000 | 85,000 | 6,000 | 20,000 | | 587.00 | 65,407 |
| 1987 | 31,600 | 2.14 | 67,500 | 500 | 67,000 | 55,000 | 3,000 | 9,000 | | 609.00 | 41,053 |
| 1988 3/ | 31,500 | 2.78 | 87,500 | 500 | 87,000 | 70,000 | 3,000 | 14,000 | | 577.00 | 50,449 |

N.A.= not available.

1/ Beginning 1983 includes chopped, sliced, and other cures.

2/ Chopped, sliced, and other cures until 1983; beginning 1984, limited and undersized.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 26--Papayas: Acreage, yield per acre, production, utilization, and season-average grower price, Hawaii, 1970 to date

| Year | Acreage harvested | Yield per acre 1/ | Utilized production | Utilization | | Grower price | | |
|---------|-------------------|-------------------|---------------------|--------------------|-----------|-------------------|-----------|------|
| | | | | Fresh | Processed | Fresh | Processed | All |
| | Acres | Pounds | | -- 1,000 pounds -- | | -- Cents/pound -- | | |
| 1970 | 1,040 | 23.3 | 24,960 | 23,938 | 1,022 | 10.0 | 3.9 | 9.8 |
| 1971 | 970 | 21.4 | 20,725 | 19,172 | 1,553 | 14.0 | 3.3 | 13.2 |
| 1972 | 985 | 26.1 | 25,735 | 21,959 | 3,776 | 15.1 | 2.9 | 13.3 |
| 1973 | 1,430 | 23.0 | 32,824 | 28,848 | 3,976 | 14.0 | 3.5 | 12.7 |
| 1974 | 1,690 | 22.0 | 37,224 | 34,529 | 2,695 | 13.9 | 3.1 | 13.1 |
| 1975 | 1,840 | 21.7 | 39,896 | 36,952 | 4,944 | 15.8 | 3.0 | 14.2 |
| 1976 | 1,930 | 25.9 | 50,037 | 43,588 | 6,449 | 13.5 | 3.8 | 12.3 |
| 1977 | 2,155 | 29.5 | 63,548 | 53,987 | 9,561 | 13.2 | 4.7 | 11.9 |
| 1978 | 2,190 | 40.6 | 64,000 | 54,624 | 9,376 | 14.4 | 4.6 | 13.0 |
| 1979 | 2,210 | 29.7 | 41,015 | 36,446 | 4,569 | 25.6 | 4.0 | 23.2 |
| 1980 | 1,950 | 37.9 | 48,916 | 45,360 | 3,556 | 21.7 | 3.4 | 20.4 |
| 1981 | 2,110 | 44.5 | 66,390 | 58,170 | 8,220 | 20.9 | 3.1 | 18.7 |
| 1982 | 2,170 | 38.7 | 52,750 | 44,770 | 7,980 | 25.1 | 3.1 | 21.8 |
| 1983 | 2,120 | 36.1 | 61,400 | 46,300 | 15,100 | 23.6 | 4.4 | 18.9 |
| 1984 | 2,590 | 46.3 | 80,500 | 67,000 | 13,500 | 13.1 | 3.1 | 11.4 |
| 1985 | 2,650 | 35.8 | 60,400 | 49,250 | 11,150 | 16.9 | 2.3 | 14.2 |
| 1986 | 2,400 | 34.6 | 61,000 | 50,100 | 10,900 | 21.7 | 2.3 | 18.2 |
| 1987 | 2,350 | 44.7 | 67,000 | 56,000 | 11,000 | 19.3 | 2.2 | 16.5 |
| 1988 2/ | 2,300 | N.A. | 69,000 | 57,000 | 12,000 | 21.0 | 3.2 | 17.9 |

1/ Yield is based on total production which includes unharvested production and fruit harvested but not sold due to marketing conditions.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 27--Peaches: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|--------------------|----------|-------------|------------|--------------|-------------|-----------|
| | Total | Utilized | Fresh | Processing | Fresh | Processing | All |
| | --Million pounds-- | | | | Cents/lb. | Dollars/ton | Cents/lb. |
| 1970 | 2,995.8 | 2,786.3 | 1,181.5 | 1,604.8 | 8.03 | 92.30 | 6.04 |
| 1971 | 2,882.6 | 2,742.3 | 1,201.0 | 1,541.3 | 9.65 | 89.90 | 6.07 |
| 1972 | 2,371.5 | 2,249.5 | 844.9 | 1,404.6 | 11.00 | 88.10 | 6.90 |
| 1973 | 2,590.9 | 2,412.7 | 935.2 | 1,477.5 | 12.30 | 113.00 | 8.30 |
| 1974 | 2,917.2 | 2,756.3 | 952.0 | 1,804.3 | 13.00 | 151.00 | 9.50 |
| 1975 | 2,835.6 | 2,645.6 | 1,099.6 | 1,546.0 | 14.70 | 144.00 | 10.40 |
| 1976 | 3,018.3 | 2,641.7 | 1,151.2 | 1,490.5 | 13.30 | 134.00 | 9.60 |
| 1977 | 2,955.4 | 2,825.7 | 1,144.0 | 1,681.7 | 14.10 | 137.00 | 9.80 |
| 1978 | 2,652.7 | 2,515.7 | 1,135.8 | 1,397.9 | 17.00 | 155.00 | 12.00 |
| 1979 | 2,938.7 | 2,834.2 | 1,250.5 | 1,583.7 | 15.30 | 173.00 | 11.60 |
| 1980 | 3,068.6 | 2,954.1 | 1,324.1 | 1,630.0 | 16.60 | 181.00 | 12.40 |
| 1981 | 2,770.6 | 2,639.8 | 1,331.0 | 1,308.8 | 16.60 | 200.00 | 13.30 |
| 1982 | 2,285.6 | 2,101.9 | 976.9 | 1,125.0 | 20.60 | 181.00 | 14.40 |
| 1983 | 1,855.3 | 1,753.8 | 967.1 | 786.7 | 19.70 | 177.00 | 14.80 |
| 1984 | 2,659.3 | 2,467.9 | 1,286.9 | 1,181.0 | 16.10 | 192.00 | 13.00 |
| 1985 | 2,147.3 | 2,046.4 | 924.8 | 1,121.6 | 20.60 | 209.00 | 15.00 |
| 1986 | 2,328.4 | 2,239.9 | 1,112.8 | 1,127.1 | 19.90 | 166.00 | 14.10 |
| 1987 | 2,390.8 | 2,248.2 | 1,123.3 | 1,124.9 | 18.50 | 184.00 | 13.80 |
| 1988 1/ | 2,619.7 | 2,459.0 | 1,231.8 | 1,227.2 | 21.30 | 198.00 | 15.60 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 28--Peaches: Processed utilization, and season-average grower price, United States, 1970 to date

| Year | Canned | | Frozen | | Dried | | Other 1/ | |
|---------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | Quantity | Price | Quantity | Price | Quantity | Price | Quantity | Price |
| | Million pounds | Dollars/ton | Million pounds | Dollars/ton | Million pounds | Dollars/ton | Million pounds | Dollars/ton |
| 1970 | 1,476.6 | 94.30 | 73.7 | 66.30 | 36.4 | 87.50 | 18.1 | 38.10 |
| 1971 | 1,397.1 | 91.70 | 86.3 | 76.60 | 29.8 | 87.50 | 28.1 | 39.30 |
| 1972 | 1,268.8 | 89.90 | 65.3 | 90.20 | 24.0 | 110.00 | 46.5 | 34.00 |
| 1973 | 1,325.4 | 113.00 | 104.9 | 130.00 | 24.0 | 141.00 | 23.2 | 54.30 |
| 1974 | 1,650.6 | 153.00 | 78.1 | 154.00 | 29.0 | 115.00 | 46.6 | 63.60 |
| 1975 | 1,432.0 | 148.00 | 52.7 | 110.00 | 38.0 | 185.00 | 23.3 | 46.80 |
| 1976 | 1,326.3 | 135.00 | 109.8 | 113.00 | 30.0 | 232.00 | 24.4 | 42.20 |
| 1977 | 1,504.7 | 140.00 | 109.8 | 116.00 | 42.0 | 199.00 | 25.2 | 45.10 |
| 1978 | 1,230.8 | 161.00 | 69.8 | 122.00 | 35.0 | 185.00 | 44.3 | 40.90 |
| 1979 | 1,427.6 | 177.00 | 93.5 | 155.00 | 33.0 | 136.00 | 29.6 | 61.70 |
| 1980 | 1,498.3 | 185.00 | 77.1 | 131.00 | 34.0 | 115.00 | 20.6 | 82.10 |
| 1981 | 1,173.7 | 205.00 | 78.3 | 152.00 | 34.8 | 112.00 | 22.0 | 121.00 |
| 1982 | 983.9 | 185.00 | 70.5 | 153.00 | 45.0 | 120.00 | 25.6 | 122.00 |
| 1983 | 675.4 | 180.00 | 64.3 | 179.00 | 36.0 | 118.00 | 11.0 | 101.00 |
| 1984 | 1,028.5 | 199.00 | 89.0 | 151.00 | 28.0 | 100.00 | 35.5 | 141.00 |
| 1985 | 982.6 | 219.00 | 93.3 | 153.00 | 32.5 | 104.00 | 13.2 | 130.00 |
| 1986 | 926.9 | 171.00 | 136.3 | 165.00 | 32.5 | 96.00 | 31.4 | 103.00 |
| 1987 | 876.8 | 193.00 | 144.9 | 169.00 | 35.0 | 101.00 | 68.2 | 132.00 |
| 1988 2/ | 982.0 | 210.00 | 134.9 | 159.00 | 41.2 | 117.00 | 69.1 | 132.00 |

1/ Pickles, wine, and brandy.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 29--Fresh peaches: Supply and utilization, 1970 to date

| Year | Supply | | | Utilization | | | Per capita |
|--------------------|------------|---------|--------------|-------------|-----------|-------------|------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption | |
| | | | | | | Total | |
| --Million pounds-- | | | | | | | Pounds |
| 1970 | 1,181.5 | 42.2 | 1,223.7 | 30.1 | 0.5 | 1,193.1 | 5.82 |
| 1971 | 1,201.0 | 3.7 | 1,204.7 | 29.5 | 0.4 | 1,174.8 | 5.66 |
| 1972 | 844.9 | 2.0 | 846.9 | 31.2 | 0.4 | 815.3 | 3.88 |
| 1973 | 935.2 | 0.4 | 935.6 | 31.4 | 1.0 | 903.2 | 4.26 |
| 1974 | 952.0 | 2.1 | 954.1 | 25.9 | 0.5 | 927.7 | 4.34 |
| 1975 | 1,099.6 | 3.0 | 1,102.6 | 25.9 | 0.4 | 1,076.3 | 4.98 |
| 1976 | 1,151.2 | 9.1 | 1,160.3 | 39.3 | 0.6 | 1,120.4 | 5.14 |
| 1977 | 1,144.0 | 5.0 | 1,149.0 | 26.8 | 0.2 | 1,122.0 | 5.09 |
| 1978 | 1,135.8 | 9.7 | 1,145.5 | 30.3 | 1.1 | 1,114.1 | 5.01 |
| 1979 | 1,250.5 | 7.0 | 1,257.5 | 32.1 | 1.1 | 1,224.3 | 5.44 |
| 1980 | 1,324.1 | 9.0 | 1,333.1 | 40.2 | 1.1 | 1,291.8 | 5.67 |
| 1981 | 1,331.0 | 7.0 | 1,338.0 | 66.4 | 1.9 | 1,269.7 | 5.52 |
| 1982 | 976.9 | 12.7 | 989.6 | 68.4 | 1.8 | 919.4 | 3.95 |
| 1983 | 967.1 | 28.6 | 995.7 | 40.2 | 1.2 | 954.3 | 4.06 |
| 1984 | 1,286.9 | 37.1 | 1,324.0 | 39.9 | 0.8 | 1,283.3 | 5.41 |
| 1985 | 924.8 | 63.9 | 988.7 | 32.0 | 1.2 | 955.5 | 3.99 |
| 1986 | 1,112.8 | 72.6 | 1,185.4 | 43.0 | 1.0 | 1,141.4 | 4.72 |
| 1987 | 1,133.3 | 81.2 | 1,214.5 | 44.7 | 0.7 | 1,169.1 | 4.79 |
| 1988 | 1,231.8 | 95.1 | 1,326.9 | 65.4 | 0.0 | 1,261.5 | 5.12 |

Source: Commodity Economics Division, ERS, USDA.

Table 30--Canned peaches: Supply and utilization, product weight, 1970 to date

| Season 1/ | Supply | | | | | | Utilization | | |
|--------------------|------------|---------|---------------------|-----------------|------------------|--------------|-------------|---------|---------------|
| | | | | | | | Consumption | | |
| | Production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Exports | Total | Per capita |
| --Million pounds-- | | | | | | | | | Pounds |
| 1970/71 | 1,285.0 | 0.9 | 399.0 | 1,684.9 | 346.1 | 1,338.8 | 166.9 | 1,171.9 | 5.68 |
| 1971/72 | 1,120.6 | 0.7 | 346.1 | 1,467.4 | 210.2 | 1,257.2 | 119.0 | 1,138.2 | 5.45 |
| 1972/73 | 1,044.7 | 2.4 | 210.2 | 1,257.3 | 77.8 | 1,179.5 | 119.1 | 1,060.4 | 5.03 |
| 1973/74 | 1,066.4 | 0.6 | 77.8 | 1,144.8 | 69.3 | 1,075.5 | 126.9 | 948.6 | 4.45 |
| 1974/75 | 1,410.7 | 0.5 | 69.3 | 1,480.5 | 233.8 | 1,246.7 | 96.6 | 1,150.1 | 5.35 |
| 1975/76 | 1,260.8 | 0.2 | 233.8 | 1,494.8 | 332.2 | 1,162.6 | 93.4 | 1,069.2 | 4.93 |
| 1976/77 | 1,079.2 | 0.0 | 332.2 | 1,411.4 | 262.6 | 1,148.8 | 114.4 | 1,034.4 | 4.72 |
| 1977/78 | 1,270.9 | 0.1 | 262.6 | 1,533.6 | 294.5 | 1,239.1 | 160.1 | 1,079.0 | 4.87 |
| 1978/79 | 931.5 | 0.1 | 294.5 | 1,226.1 | 155.8 | 1,070.3 | 143.7 | 926.6 | 4.14 |
| 1979/80 | 1,124.0 | 0.1 | 155.8 | 1,279.9 | 212.1 | 1,067.8 | 135.3 | 932.5 | 4.12 |
| 1980/81 | 1,164.3 | 0.6 | 212.1 | 1,377.0 | 320.5 | 1,056.5 | 129.6 | 926.9 | 4.05 |
| 1981/82 | 946.7 | 0.4 | 320.5 | 1,267.6 | 360.9 | 906.7 | 87.9 | 818.8 | 3.54 |
| 1982/83 | 810.9 | 0.8 | 360.9 | 1,172.6 | 242.4 | 930.2 | 79.3 | 850.9 | 3.64 |
| 1983/84 | 471.2 | 52.5 | 242.4 | 766.1 | 49.6 | 716.5 | 35.0 | 681.5 | 2.89 |
| 1984/85 | 848.8 | 55.8 | 49.6 | 954.2 | 182.3 | 771.9 | 25.2 | 746.7 | 3.13 |
| 1985/86 | 800.4 | 63.5 | 182.3 | 1,046.2 | 260.8 | 785.4 | 31.1 | 754.3 | 3.14 |
| 1986/87 | 674.5 | 38.2 | 260.8 | 973.5 | 156.3 | 817.2 | 35.2 | 782.0 | 3.22 |
| 1987/88 | 691.6 | 56.0 | 156.3 | 903.9 | 66.7 | 837.2 | 41.1 | 796.1 | 3.25 |

1/ Season beginning June 1.

Source: Commodity Economics Division, ERS, USDA.

Table 31--All pears: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|----------------------|----------|-------------|-----------|-----------------------|--------------|--------|
| | Total | Utilized | Fresh | Processed | Fresh | Processed 1/ | All |
| | --1,000 short tons-- | | | | --Dollars/short ton-- | | |
| 1970 | 548.8 | 538.8 | 197.9 | 340.9 | 146.00 | 125.00 | 133.00 |
| 1971 | 749.1 | 707.2 | 284.8 | 422.4 | 102.00 | 84.00 | 94.50 |
| 1972 | 612.1 | 608.7 | 251.0 | 357.6 | 175.00 | 113.00 | 139.00 |
| 1973 | 730.4 | 725.8 | 307.2 | 418.6 | 160.00 | 121.00 | 138.00 |
| 1974 | 741.7 | 740.7 | 296.0 | 444.7 | 182.00 | 161.00 | 169.00 |
| 1975 | 748.0 | 741.8 | 326.8 | 415.0 | 161.00 | 128.00 | 143.00 |
| 1976 | 839.1 | 819.1 | 339.2 | 479.9 | 144.00 | 111.00 | 124.00 |
| 1977 | 781.6 | 779.5 | 298.2 | 481.3 | 193.00 | 117.00 | 146.00 |
| 1978 | 723.3 | 723.3 | 297.0 | 426.2 | 267.00 | 187.00 | 219.00 |
| 1979 | 854.7 | 854.2 | 300.1 | 554.1 | 276.00 | 166.00 | 204.00 |
| 1980 | 897.4 | 896.4 | 345.1 | 551.3 | 244.00 | 167.00 | 196.00 |
| 1981 | 897.0 | 984.0 | 378.0 | 516.0 | 249.00 | 142.00 | 187.00 |
| 1982 | 804.0 | 802.7 | 368.1 | 434.6 | 255.00 | 123.00 | 183.00 |
| 1983 | 774.7 | 774.5 | 384.5 | 390.0 | 216.00 | 126.00 | 170.00 |
| 1984 | 709.6 | 696.8 | 324.1 | 372.7 | 300.00 | 168.00 | 229.00 |
| 1985 | 747.2 | 747.0 | 349.7 | 397.3 | 349.00 | 200.00 | 269.00 |
| 1986 | 766.4 | 760.4 | 375.4 | 384.9 | 369.00 | 168.00 | 267.00 |
| 1987 | 940.3 | 937.6 | 456.4 | 481.3 | 227.00 | 172.00 | 198.00 |
| 1988 2/ | 861.0 | 860.6 | 427.3 | 433.3 | 357.00 | 191.00 | 273.00 |

1/ Excludes dried.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 32--Bartlett pears: Production, utilization, and season-average grower price, United States, 1970 to date

| Year | Production | | Utilization | | Grower price | | |
|---------|----------------------|----------|-------------|-----------|-----------------------|----------------------------|--------|
| | Total | Utilized | Fresh | Processed | Fresh | Processing excluding dried | All |
| | --1,000 short tons-- | | | | --Dollars/short ton-- | | |
| 1970 | 389.0 | 383.8 | 75.6 | 308.0 | 154.00 | 129.00 | 135.00 |
| 1971 | 534.0 | 496.0 | 116.1 | 379.9 | 103.00 | 87.20 | 91.30 |
| 1972 | 438.0 | 436.0 | 113.1 | 322.9 | 155.00 | 118.00 | 128.00 |
| 1973 | 517.5 | 513.5 | 135.0 | 378.5 | 136.00 | 127.00 | 130.00 |
| 1974 | 495.4 | 495.4 | 102.3 | 393.1 | 199.00 | 173.00 | 178.00 |
| 1975 | 509.5 | 509.5 | 134.7 | 374.8 | 121.00 | 136.00 | 133.00 |
| 1976 | 580.0 | 560.0 | 122.6 | 437.4 | 126.00 | 116.00 | 119.00 |
| 1977 | 544.0 | 543.0 | 109.8 | 433.2 | 149.00 | 120.00 | 127.00 |
| 1978 | 468.5 | 468.5 | 95.9 | 372.6 | 275.00 | 194.00 | 212.00 |
| 1979 | 593.0 | 593.0 | 103.4 | 489.6 | 249.00 | 177.00 | 189.00 |
| 1980 | 610.0 | 610.0 | 117.9 | 492.1 | 200.00 | 180.00 | 183.00 |
| 1981 | 595.5 | 595.5 | 136.2 | 459.3 | 190.00 | 152.00 | 161.00 |
| 1982 | 525.3 | 525.3 | 150.1 | 375.2 | 180.00 | 135.00 | 147.00 |
| 1983 | 463.3 | 463.3 | 123.1 | 340.2 | 211.00 | 135.00 | 154.00 |
| 1984 | 447.0 | 434.5 | 103.5 | 331.0 | 220.00 | 181.00 | 190.00 |
| 1985 | 468.0 | 468.0 | 119.3 | 348.7 | 299.00 | 217.00 | 236.00 |
| 1986 | 466.0 | 461.0 | 128.5 | 332.5 | 344.00 | 182.00 | 226.00 |
| 1987 | 574.0 | 574.0 | 153.5 | 420.5 | 174.00 | 185.00 | 181.00 |
| 1988 1/ | 506.0 | 506.0 | 121.2 | 384.8 | 356.00 | 207.00 | 242.00 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 33--Fresh pears: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | |
|-----------|--------------------|---------|--------------|-------------|-----------|-------------|------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption | Per capita |
| | --Million pounds-- | | | | | | Pounds |
| 1970/71 | 395.8 | 37.5 | 433.3 | 41.4 | 0.0 | 391.9 | 1.90 |
| 1971/72 | 569.6 | 16.4 | 586.0 | 56.3 | 0.0 | 529.7 | 2.54 |
| 1972/73 | 502.1 | 33.6 | 535.7 | 53.6 | 0.0 | 482.1 | 2.28 |
| 1973/74 | 614.5 | 18.5 | 633.0 | 86.3 | 0.0 | 546.7 | 2.57 |
| 1974/75 | 591.9 | 18.5 | 610.4 | 76.3 | 0.0 | 534.1 | 2.48 |
| 1975/76 | 653.6 | 15.6 | 669.2 | 74.8 | 0.0 | 594.4 | 2.74 |
| 1976/77 | 678.5 | 10.1 | 688.6 | 69.7 | 0.0 | 618.9 | 2.84 |
| 1977/78 | 596.4 | 12.9 | 609.3 | 80.0 | 2.4 | 526.9 | 2.38 |
| 1978/79 | 594.1 | 14.8 | 608.9 | 82.4 | 3.1 | 523.4 | 2.34 |
| 1979/80 | 600.2 | 18.0 | 618.2 | 90.6 | 3.4 | 524.2 | 2.31 |
| 1980/81 | 690.1 | 19.3 | 709.4 | 101.7 | 3.0 | 604.7 | 2.64 |
| 1981/82 | 755.9 | 21.7 | 777.6 | 115.1 | 2.0 | 660.5 | 2.85 |
| 1982/83 | 736.3 | 21.7 | 758.0 | 79.1 | 1.7 | 677.2 | 2.90 |
| 1983/84 | 768.9 | 27.4 | 796.3 | 75.7 | 1.8 | 718.8 | 3.05 |
| 1984/85 | 648.1 | 40.2 | 688.3 | 59.9 | 1.8 | 626.6 | 2.63 |
| 1985/86 | 699.4 | 55.4 | 754.8 | 65.4 | 1.8 | 687.6 | 2.86 |
| 1986/87 | 750.8 | 69.9 | 820.7 | 80.2 | 2.1 | 738.4 | 3.04 |
| 1987/88 | 912.7 | 72.7 | 985.4 | 96.6 | 2.4 | 886.4 | 3.63 |

1/ Season beginning July 1.

Source: Commodity Economics Division, ERS, USDA.

Table 34--Canned pears: Supply and utilization, product weight, 1970 to date

| Season 1/ | Supply | | | | | | Utilization | | |
|-----------|--------------------|---------|------------------|--------------|---------------|-----------|-------------|-------|------------|
| | Production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Consumption | | |
| | | | | | | | Exports | Total | Per capita |
| | --Million pounds-- | | | | | | Pounds | | |
| 1970/71 | 374.5 | 18.2 | 130.1 | 522.8 | 143.0 | 379.8 | 12.4 | 367.4 | 1.78 |
| 1971/72 | 448.4 | 14.9 | 143.0 | 606.3 | 160.4 | 445.9 | 9.9 | 436.0 | 2.09 |
| 1972/73 | 394.2 | 7.6 | 160.4 | 562.2 | 105.7 | 456.5 | 11.0 | 445.5 | 2.11 |
| 1973/74 | 428.1 | 0.2 | 105.7 | 534.0 | 77.1 | 456.9 | 11.8 | 445.1 | 2.09 |
| 1974/75 | 465.1 | 0.0 | 77.1 | 542.2 | 161.6 | 380.6 | 6.0 | 374.6 | 1.74 |
| 1975/76 | 425.3 | 0.0 | 161.6 | 586.9 | 146.2 | 440.7 | 7.8 | 432.9 | 1.99 |
| 1976/77 | 501.0 | 0.0 | 146.2 | 647.2 | 152.4 | 494.8 | 7.2 | 487.6 | 2.22 |
| 1977/78 | 418.2 | 0.1 | 152.4 | 570.7 | 116.8 | 453.9 | 9.7 | 444.2 | 2.01 |
| 1978/79 | 392.6 | 0.0 | 116.8 | 509.4 | 113.8 | 395.6 | 5.8 | 389.8 | 1.74 |
| 1979/80 | 459.7 | 0.0 | 113.8 | 573.5 | 163.0 | 410.5 | 7.3 | 403.2 | 1.78 |
| 1980/81 | 475.4 | 0.0 | 163.0 | 638.4 | 211.0 | 427.4 | 5.7 | 421.7 | 1.84 |
| 1981/82 | 422.0 | 0.0 | 211.0 | 633.0 | 226.3 | 406.7 | 6.3 | 400.4 | 1.73 |
| 1982/83 | 338.9 | 0.1 | 226.3 | 565.3 | 144.7 | 420.6 | 5.2 | 415.4 | 1.78 |
| 1983/84 | 313.8 | 2.1 | 144.7 | 460.6 | 68.0 | 392.6 | 2.8 | 389.8 | 1.65 |
| 1984/85 | 333.1 | 13.6 | 68.0 | 414.7 | 71.6 | 343.1 | 2.5 | 340.6 | 1.43 |
| 1985/86 | 339.9 | 36.0 | 71.6 | 447.5 | 131.3 | 316.2 | 1.7 | 314.5 | 1.31 |
| 1986/87 | 313.6 | 5.4 | 131.3 | 450.3 | 72.5 | 377.8 | 3.0 | 374.8 | 1.54 |
| 1987/88 | 396.9 | 1.0 | 72.5 | 470.4 | 86.2 | 384.2 | 2.2 | 382.0 | 1.56 |

1/ Season beginning June 1.

Source: Commodity Economics Division, ERS USDA.

Table 35--Pineapples: Number of farms, acreage, production, disposition, price, and value, Hawaii, 1970 to date

| Year | Farms | Acreage used for crop 1/ | Utilized production 2/ | Disposition | | Farm price | | Value of production 2/ |
|------|--------|--------------------------------|------------------------------|----------------------|-----------------------|-----------------|-----------------------|------------------------------|
| | | | | Processed 2/ | Fresh market 3/ | Processed 4/ | Fresh market 5/ | |
| | | | | | | | | |
| | Number | 1,000 acres | | --1,000 short tons-- | | --Dollars/ton-- | | 1,000 dollars |
| 1970 | 47 | 61.0 | 954 | 918 | 36 | 39 | 100 | 39,500 |
| 1971 | 36 | 61.0 | 942 | 911 | 31 | 40 | 120 | 40,300 |
| 1972 | 36 | 58.0 | 947 | 906 | 41 | 43 | 120 | 43,900 |
| 1973 | 33 | 57.5 | 810 | 748 | 62 | 43 | 120 | 39,600 |
| 1974 | 20 | 55.0 | 700 | 641 | 59 | 49 | 150 | 40,259 |
| 1975 | 20 | 50.0 | 720 | 657 | 63 | 48 | 160 | 41,616 |
| 1976 | 17 | 48.0 | 680 | 611 | 69 | 63 | 210 | 52,983 |
| 1977 | 17 | 45.0 | 690 | 607 | 83 | 67 | 260 | 62,249 |
| 1978 | 18 | 43.0 | 675 | 580 | 95 | 58 | 310 | 63,090 |
| 1979 | 18 | 44.0 | 681 | 587 | 94 | 67 | 320 | 69,409 |
| 1980 | 18 | 43.0 | 657 | 556 | 101 | 76 | 340 | 76,596 |
| 1981 | 18 | 41.0 | 636 | 519 | 11 | 85 | 390 | 89,745 |
| 1982 | 18 | 36.0 | 670 | 542 | 128 | 82 | 390 | 94,364 |
| 1983 | 18 | 36.0 | 722 | 602 | 120 | 88 | 395 | 100,376 |
| 1984 | 18 | 35.0 | 600 | 481 | 119 | 88 | 400 | 89,928 |
| 1985 | 18 | 34.5 | 565 | 441 | 124 | 90 | 410 | 90,530 |
| 1986 | 19 | 36.0 | 646 | 514 | 132 | 90 | 405 | 99,720 |
| 1987 | 19 | 36.1 | 692 | 558 | 134 | 91 | 362 | 99,286 |
| 1988 | NA | 34.6 | 659 | 526 | 133 | 99 | 416 | 107,402 |

NA=not available.

1/ Acreage is total acres in crop, not harvested acreage. 2/ Fresh weight basis. 3/ Beginning 1983 excludes sales of fresh pineapple without tops included in processing utilization. 4/ Estimate to reflect value of fresh fruit delivered to processing plant door. 5/ Estimate to reflect value at wholesale establishments for local sales and shipper dock for mainland and foreign sales.

Sources: Statistics of Hawaiian Agriculture and Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 36--Plums: Acreage, production, season-average grower price, and value, California, 1970 to date

| Year | Acres harvested | Production | Grower price | Value |
|---------|-----------------|------------|--------------|---------------|
| | Acres | Short tons | Dollars/ton | 1,000 dollars |
| 1970 | 21,300 | 123,000 | 160.00 | 19,680 |
| 1971 | 21,700 | 101,000 | 229.00 | 23,129 |
| 1972 | 22,800 | 96,000 | 248.00 | 23,808 |
| 1973 | 24,400 | 97,000 | 321.00 | 31,137 |
| 1974 | 24,600 | 143,000 | 275.00 | 39,325 |
| 1975 | 24,200 | 124,000 | 279.00 | 34,596 |
| 1976 | 25,300 | 115,000 | 380.00 | 43,700 |
| 1977 | 26,600 | 157,000 | 313.00 | 49,141 |
| 1978 | 26,900 | 154,000 | 370.00 | 56,980 |
| 1979 | 28,500 | 175,000 | 277.00 | 48,475 |
| 1980 | 29,400 | 160,000 | 449.00 | 71,810 |
| 1981 | 30,900 | 197,500 | 309.00 | 61,062 |
| 1982 | 32,900 | 118,000 | 620.00 | 73,139 |
| 1983 | 34,900 | 158,500 | 435.00 | 69,020 |
| 1984 | 35,800 | 225,000 | 212.00 | 47,796 |
| 1985 | 36,600 | 166,500 | 514.00 | 85,512 |
| 1986 | 38,200 | 152,000 | 657.00 | 99,857 |
| 1987 | 39,900 | 245,000 | 308.00 | 75,361 |
| 1988 1/ | 40,800 | 216,000 | 475.00 | 102,661 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 37--Prunes (dried basis): Acreage, production, season-average grower price, and value, California, 1970 to date 1/

| Year | Acres harvested | Production 2/ | Grower price | Value |
|---------|-----------------|---------------|--------------|---------------|
| | Acres | Short tons | Dollars/ton | 1,000 dollars |
| 1970 | 96,300 | 200,000 | 202.00 | 40,400 |
| 1971 | 88,200 | 131,000 | 287.00 | 37,597 |
| 1972 | 86,000 | 77,000 | 535.00 | 41,195 |
| 1973 | 82,100 | 205,000 | 462.00 | 94,710 |
| 1974 | 79,700 | 142,000 | 440.00 | 62,480 |
| 1975 | 78,000 | 149,000 | 402.00 | 59,898 |
| 1976 | 74,100 | 148,000 | 412.00 | 60,976 |
| 1977 | 75,200 | 159,000 | 499.00 | 79,341 |
| 1978 | 74,800 | 132,000 | 696.00 | 91,872 |
| 1979 | 74,700 | 136,000 | 812.00 | 110,432 |
| 1980 | 69,600 | 168,000 | 683.00 | 114,744 |
| 1981 | 65,400 | 159,500 | 654.00 | 104,313 |
| 1982 | 66,600 | 126,000 | 679.00 | 85,554 |
| 1983 | 67,700 | 145,000 | 667.00 | 96,715 |
| 1984 | 68,700 | 148,000 | 693.00 | 102,564 |
| 1985 | 71,700 | 141,000 | 680.00 | 95,880 |
| 1986 | 72,600 | 99,000 | 819.00 | 81,081 |
| 1987 | 75,600 | 229,000 | 735.00 | 168,315 |
| 1988 3/ | 76,700 | 155,000 | 735.00 | 113,925 |

1/ The drying ratio is approximately 3 pounds of fresh to 1 pound of dried fruit.

2/ Production all utilized.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 38--Dried prunes: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | | | Utilization | | | | Per capita consumption Pounds |
|--------------------------------------|------------|---------|------------------|--------------|---------------|-------------|---------|-----------|-------|----------------------------------|
| | Production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Exports | Shipments | Total | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| --Million pounds, processed weight-- | | | | | | | | | | |
| 1970/71 | 329.4 | 1.6 | 115.7 | 446.7 | 122.0 | 324.7 | 74.4 | 1.7 | 248.6 | 0.68 |
| 1971/72 | 191.0 | 2.1 | 122.0 | 315.1 | 86.2 | 228.9 | 90.6 | 2.0 | 136.3 | 0.58 |
| 1972/73 | 86.8 | 10.2 | 86.2 | 183.2 | 10.4 | 172.8 | 69.2 | 1.5 | 102.1 | 0.48 |
| 1973/74 | 336.5 | 0.8 | 10.4 | 347.7 | 112.7 | 235.0 | 118.4 | 2.0 | 114.6 | 0.54 |
| 1974/75 | 214.6 | 0.1 | 112.7 | 327.4 | 133.1 | 194.3 | 84.0 | 1.9 | 108.4 | 0.50 |
| 1975/76 | 197.6 | 0.7 | 133.1 | 331.4 | 61.9 | 269.5 | 137.6 | 2.0 | 129.9 | 0.60 |
| 1976/77 | 200.5 | 1.4 | 61.9 | 263.8 | 47.3 | 216.5 | 101.6 | 1.7 | 113.2 | 0.52 |
| 1977/78 | 232.1 | 0.4 | 47.3 | 279.8 | 48.6 | 231.2 | 122.2 | 2.0 | 107.0 | 0.48 |
| 1978/79 | 197.5 | 0.8 | 48.6 | 246.9 | 51.4 | 195.5 | 100.2 | 2.0 | 93.3 | 0.42 |
| 1979/80 | 198.5 | 0.7 | 51.4 | 250.6 | 73.8 | 176.8 | 89.3 | 0.9 | 86.6 | 0.38 |
| 1980/81 | 259.0 | 0.1 | 73.8 | 332.9 | 111.5 | 221.4 | 120.8 | 0.5 | 100.1 | 0.44 |
| 1981/82 | 251.0 | 0.2 | 111.5 | 362.7 | 133.5 | 229.2 | 128.3 | 0.3 | 100.6 | 0.43 |
| 1982/83 | 184.5 | 0.8 | 133.5 | 318.8 | 91.6 | 227.2 | 116.4 | 0.3 | 110.5 | 0.47 |
| 1983/84 | 222.2 | 1.6 | 91.6 | 315.4 | 94.0 | 221.4 | 116.2 | 0.3 | 104.9 | 0.44 |
| 1984/85 | 218.6 | 1.0 | 94.0 | 313.6 | 125.0 | 188.6 | 103.3 | 0.3 | 85.0 | 0.36 |
| 1985/86 | 219.3 | 2.9 | 125.0 | 347.2 | 127.0 | 220.2 | 106.4 | 0.3 | 113.5 | 0.47 |
| 1986/87 | 136.9 | 3.2 | 127.0 | 267.1 | 40.8 | 226.3 | 120.0 | 0.4 | 105.9 | 0.44 |
| 1987/88 | 394.5 | 1.1 | 40.8 | 436.4 | 154.2 | 282.2 | 130.1 | 0.0 | 152.1 | 0.62 |

1/ Season beginning August 1.

Source: Commodity Economics Division, ERS, USDA.

Table 39--Prunes and plums: Production, utilization, and season-average grower price, 4 States, 1970 to date 1/

| Year | Production | | Utilization | | Grower price | | |
|----------------|------------|----------|-------------|-----------------------|--------------|------------|--------|
| | Total | Utilized | Fresh | Processing | Fresh | Processing | All |
| --Short tons-- | | | | --Dollars/short ton-- | | | |
| 1970 | 51,500 | 48,350 | 28,040 | 20,310 | 146.00 | 85.60 | 121.00 |
| 1971 | 88,400 | 65,000 | 34,280 | 30,720 | 121.00 | 54.70 | 89.60 |
| 1972 | 42,400 | 41,880 | 29,040 | 12,840 | 213.00 | 79.90 | 173.00 |
| 1973 | 73,300 | 66,550 | 29,350 | 37,200 | 210.00 | 98.00 | 148.00 |
| 1974 | 71,200 | 71,200 | 35,350 | 35,850 | 179.00 | 121.00 | 150.00 |
| 1975 | 75,600 | 71,600 | 34,550 | 37,050 | 142.00 | 86.80 | 113.00 |
| 1976 | 77,000 | 73,500 | 38,150 | 35,350 | 158.00 | 85.50 | 123.00 |
| 1977 | 61,000 | 58,000 | 30,700 | 27,300 | 219.00 | 89.70 | 158.00 |
| 1978 | 69,800 | 69,200 | 40,950 | 28,250 | 188.00 | 110.00 | 156.00 |
| 1979 | 59,200 | 59,200 | 34,100 | 25,100 | 237.00 | 136.00 | 209.00 |
| 1980 | 76,600 | 76,600 | 40,500 | 36,100 | 196.00 | 137.00 | 179.00 |
| 1981 | 65,100 | 62,600 | 32,900 | 29,700 | 167.00 | 126.00 | 156.00 |
| 1982 | 51,500 | 47,500 | 26,550 | 20,950 | 362.00 | 134.00 | 269.00 |
| 1983 | 51,200 | 49,200 | 30,000 | 19,200 | 257.00 | 108.00 | 199.00 |
| 1984 | 52,000 | 51,000 | 28,200 | 22,800 | 266.00 | 138.00 | 208.00 |
| 1985 | 51,700 | 48,100 | 21,700 | 26,400 | 329.00 | 148.00 | 230.00 |
| 1986 | 48,100 | 44,100 | 20,400 | 23,700 | 432.00 | 111.00 | 260.00 |
| 1987 | 51,500 | 47,200 | 23,600 | 23,600 | 175.00 | 108.00 | 141.00 |
| 1988 2/ | 52,000 | 48,100 | 24,000 | 24,100 | 249.00 | 117.00 | 183.00 |

1/ Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States. 2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 40--Strawberries: Acreage, production, season-average grower price, and value, United States, 1970 to date

| Year | Acres harvested | Production | Grower price | Value |
|---------|-----------------|------------|--------------|---------------|
| | Acres | 1,000 cwt | Dollars/cwt | 1,000 dollars |
| 1970 | 50,400 | 4,960 | 21.50 | 106,467 |
| 1971 | 47,780 | 5,207 | 22.50 | 116,975 |
| 1972 | 43,410 | 4,602 | 24.00 | 110,262 |
| 1973 | 40,610 | 4,796 | 27.60 | 132,186 |
| 1974 | 39,260 | 5,388 | 28.80 | 155,122 |
| 1975 | 39,590 | 5,506 | 30.60 | 168,352 |
| 1976 | 34,450 | 5,807 | 32.90 | 191,022 |
| 1977 | 35,650 | 6,619 | 33.20 | 219,958 |
| 1978 | 37,600 | 6,592 | 31.70 | 209,257 |
| 1979 | 36,500 | 6,383 | 38.70 | 246,850 |
| 1980 | 36,050 | 7,017 | 41.20 | 288,776 |
| 1981 | 37,000 | 7,416 | 42.00 | 311,147 |
| 1982 | 40,250 | 8,830 | 48.10 | 424,592 |
| 1983 | 43,300 | 8,935 | 45.60 | 407,188 |
| 1984 | 43,300 | 9,909 | 41.70 | 413,251 |
| 1985 | 44,050 | 10,188 | 44.30 | 450,819 |
| 1986 | 44,350 | 10,193 | 49.40 | 503,641 |
| 1987 | 44,620 | 11,117 | 49.40 | 549,082 |
| 1988 1/ | 44,950 | 11,669 | 46.00 | 537,289 |

1/ Preliminary.

Source: Vegetable Summary, NASS, USDA.

Table 41--Strawberries, fresh market and processing: Production, season-average grower price, and value, United States, 1970 to date

| Year | Fresh market | | | Processing | | |
|---------|--------------|-------------|---------------|------------|-------------|---------------|
| | Production | Price | Value | Production | Price | Value |
| | 1,000 cwt | Dollars/cwt | 1,000 dollars | 1,000 cwt | Dollars/cwt | 1,000 dollars |
| 1970 | 3,164 | 24.80 | 78,533 | 1,796 | 15.60 | 27,934 |
| 1971 | 3,404 | 25.40 | 86,394 | 1,803 | 14.50 | 26,081 |
| 1972 | 3,211 | 27.10 | 86,948 | 1,391 | 16.80 | 23,314 |
| 1973 | 3,164 | 31.00 | 97,934 | 1,632 | 21.00 | 34,252 |
| 1974 | 3,706 | 32.50 | 120,288 | 1,682 | 20.70 | 34,834 |
| 1975 | 3,774 | 35.50 | 133,917 | 1,732 | 19.90 | 34,435 |
| 1976 | 3,695 | 37.70 | 139,268 | 2,112 | 24.50 | 51,754 |
| 1977 | 4,298 | 39.10 | 167,949 | 2,321 | 22.40 | 52,009 |
| 1978 | 4,779 | 36.70 | 175,155 | 1,813 | 18.80 | 34,102 |
| 1979 | 4,360 | 43.40 | 189,105 | 2,023 | 28.50 | 57,745 |
| 1980 | 4,821 | 47.90 | 231,115 | 2,196 | 26.30 | 57,661 |
| 1981 | 5,375 | 47.10 | 253,289 | 2,041 | 28.30 | 57,858 |
| 1982 | 5,896 | 55.20 | 325,338 | 2,934 | 33.80 | 99,254 |
| 1983 | 5,854 | 53.00 | 310,072 | 3,081 | 31.50 | 97,116 |
| 1984 | 7,482 | 49.00 | 366,501 | 2,427 | 19.30 | 46,750 |
| 1985 | 7,541 | 52.60 | 396,894 | 2,647 | 20.40 | 53,925 |
| 1986 | 7,348 | 57.60 | 422,898 | 2,845 | 28.40 | 80,743 |
| 1987 | 7,752 | 58.50 | 453,169 | 3,365 | 28.50 | 95,913 |
| 1988 1/ | 8,433 | 54.00 | 455,700 | 3,236 | 25.20 | 81,589 |

1/ Preliminary.

Source: Vegetable Summary, NASS, USDA.

Table 42--Fresh bananas: Supply and utilization, 1970 to date

| Year | Supply | | | Utilization | | |
|---------|--------------------|---------|--------------|-------------|-----------|-------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption |
| | | | | | | Per capita |
| | --Million pounds-- | | | | | Pounds |
| 1970 | 5.6 | 3,558.3 | 3,563.9 | 0.0 | 0.1 | 3,563.8 |
| 1971 | 4.7 | 3,745.1 | 3,749.8 | 0.0 | 0.1 | 3,749.7 |
| 1972 | 5.1 | 3,756.7 | 3,761.8 | 0.0 | 0.0 | 3,761.8 |
| 1973 | 6.6 | 3,842.0 | 3,848.6 | 0.0 | 0.0 | 3,848.6 |
| 1974 | 6.6 | 3,949.1 | 3,955.7 | 0.0 | 1.4 | 3,954.3 |
| 1975 | 6.2 | 3,804.9 | 3,811.1 | 0.0 | 1.3 | 3,809.8 |
| 1976 | 5.0 | 4,194.5 | 4,199.5 | 0.0 | 1.6 | 4,197.9 |
| 1977 | 5.8 | 4,227.1 | 4,232.9 | 0.0 | 2.2 | 4,230.7 |
| 1978 | 5.7 | 4,491.0 | 4,496.7 | 0.0 | 1.2 | 4,495.5 |
| 1979 | 5.6 | 4,718.5 | 4,724.1 | 0.0 | 1.8 | 4,722.3 |
| 1980 | 4.6 | 4,733.4 | 4,738.0 | 0.0 | 2.9 | 4,735.1 |
| 1981 | 6.0 | 4,941.6 | 4,947.6 | 0.0 | 0.9 | 4,946.7 |
| 1982 | 5.8 | 5,233.8 | 5,239.6 | 0.0 | 0.7 | 5,238.9 |
| 1983 | 4.5 | 4,976.6 | 4,981.1 | 0.5 | 0.5 | 4,980.1 |
| 1984 | 8.9 | 5,235.3 | 5,244.2 | 0.0 | 0.5 | 5,243.7 |
| 1985 | 8.2 | 5,593.4 | 5,601.6 | 0.0 | 0.1 | 5,601.5 |
| 1986 | 9.7 | 6,207.5 | 6,217.2 | 0.0 | 1.9 | 6,215.3 |
| 1987 | 11.4 | 6,069.2 | 6,080.6 | 0.0 | 2.0 | 6,078.6 |
| 1988 1/ | 11.6 | 5,938.5 | 5,950.1 | 0.1 | 0.0 | 5,950.0 |

1/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 43--Canned fruit cocktails: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | | | | Utilization | | |
|--------------------|------------|---------|---------------------|-----------------|------------------|--------------|-------------|-------------|---------------|
| | Production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Exports | Consumption | |
| | | | | | | | | Total | Per capita |
| | | | | | | | | | |
| --Million pounds-- | | | | | | | | | Pounds |
| 1970/71 | 642.9 | 14.2 | 179.4 | 836.5 | 172.4 | 664.1 | 141.5 | 522.6 | 2.53 |
| 1971/72 | 666.6 | 13.7 | 172.4 | 852.7 | 210.4 | 642.3 | 77.3 | 565.0 | 2.70 |
| 1972/73 | 599.9 | 14.3 | 210.4 | 824.6 | 119.1 | 705.5 | 100.4 | 605.1 | 2.87 |
| 1973/74 | 671.4 | 91.9 | 119.1 | 882.4 | 67.7 | 814.7 | 118.4 | 696.3 | 3.27 |
| 1974/75 | 753.4 | 16.0 | 67.7 | 837.1 | 163.3 | 673.8 | 79.5 | 594.3 | 2.77 |
| 1975/76 | 673.6 | 9.5 | 163.3 | 846.4 | 169.1 | 677.3 | 82.8 | 594.5 | 2.74 |
| 1976/77 | 668.4 | 10.8 | 169.1 | 848.3 | 163.3 | 685.0 | 85.1 | 599.9 | 2.74 |
| 1977/78 | 681.2 | 16.0 | 163.3 | 860.5 | 134.3 | 726.2 | 93.7 | 632.5 | 2.86 |
| 1978/79 | 623.6 | 19.9 | 134.3 | 777.8 | 93.6 | 684.2 | 95.4 | 588.8 | 2.63 |
| 1979/80 | 763.2 | 18.8 | 93.6 | 875.6 | 171.0 | 704.6 | 118.3 | 586.3 | 2.59 |
| 1980/81 | 811.8 | 20.4 | 171.0 | 1,003.2 | 301.4 | 701.8 | 114.1 | 587.7 | 2.57 |
| 1981/82 | 626.8 | 14.8 | 301.4 | 943.0 | 297.9 | 645.1 | 97.3 | 547.8 | 2.37 |
| 1982/83 | 500.5 | 16.8 | 297.9 | 815.2 | 172.1 | 643.1 | 85.1 | 558.0 | 2.39 |
| 1983/84 | 430.1 | 28.6 | 172.1 | 630.8 | 99.5 | 531.3 | 50.5 | 480.8 | 2.04 |
| 1984/85 | 503.0 | 51.5 | 99.5 | 654.0 | 104.8 | 549.2 | 46.5 | 502.7 | 2.11 |
| 1985/86 | 565.5 | 51.4 | 104.8 | 721.7 | 181.8 | 539.9 | 37.8 | 502.1 | 2.09 |
| 1986/87 | 486.9 | 43.5 | 181.8 | 712.2 | 133.7 | 578.5 | 41.7 | 536.8 | 2.21 |
| 1987/88 | 530.0 | 37.2 | 133.7 | 700.9 | 101.3 | 599.6 | 54.1 | 545.5 | 2.22 |

1/ Season beginning June 1.

Source: Commodity Economics Division, ERS, USDA.

Table 44--Oranges: Bearing acreage and yield per acre, by States, 1969/70 to date

| Crop years | Florida | | | California | | | Texas | | | Arizona | | | United States | | |
|---------------|--------------------|-------------------|-------|--------------------|-------------------|-------|--------------------|-------------------|-------|--------------------|-------------------|-------|--------------------|-------------------|-------|
| | Bearing acreage | Yield per acre | Tons | Bearing acreage | Yield per acre | Tons | Bearing acreage | Yield per acre | Tons | Bearing acreage | Yield per acre | Tons | Bearing acreage | Yield per acre | Tons |
| | 1,000 acres | | | 1,000 acres | | | 1,000 acres | | | 1,000 acres | | | 1,000 acres | | |
| 1969/70 | 636.1 | 9.74 | 9.13 | 160.2 | 9.13 | 5.40 | 35.0 | 5.40 | 11.23 | 15.5 | 11.23 | 846.8 | 846.8 | 9.47 | 9.47 |
| 1970/71 | 660.5 | 9.70 | 8.37 | 167.9 | 8.37 | 6.49 | 40.5 | 6.49 | 7.40 | 18.1 | 7.40 | 887.0 | 887.0 | 9.25 | 9.25 |
| 1971/72 | 624.2 | 9.88 | 9.02 | 180.4 | 9.02 | 6.14 | 42.5 | 6.14 | 9.44 | 19.5 | 9.44 | 866.6 | 866.6 | 9.50 | 9.50 |
| 1972/73 | 619.6 | 12.33 | 8.36 | 188.8 | 8.36 | 9.49 | 35.0 | 9.49 | 7.76 | 24.5 | 7.76 | 867.9 | 867.9 | 11.22 | 11.22 |
| 1973/74 | 614.6 | 12.14 | 7.73 | 196.0 | 7.73 | 8.65 | 32.5 | 8.65 | 5.25 | 24.4 | 5.25 | 867.5 | 867.5 | 10.82 | 10.82 |
| 1974/75 | 610.4 | 12.78 | 10.48 | 196.9 | 10.48 | 6.25 | 30.9 | 6.25 | 7.72 | 24.1 | 7.72 | 862.3 | 862.3 | 11.88 | 11.88 |
| 1975/76 | 596.4 | 13.67 | 10.02 | 197.7 | 10.02 | 8.38 | 30.9 | 8.38 | 4.35 | 23.0 | 4.35 | 848.0 | 848.0 | 12.37 | 12.37 |
| 1976/77 | 594.3 | 14.14 | 8.83 | 192.5 | 8.83 | 10.39 | 28.2 | 10.39 | 7.05 | 21.0 | 7.05 | 836.0 | 836.0 | 12.61 | 12.61 |
| 1977/78 | 579.0 | 13.04 | 7.48 | 188.6 | 7.48 | 9.15 | 28.4 | 9.15 | 8.10 | 16.8 | 8.10 | 812.8 | 812.8 | 11.74 | 11.74 |
| 1978/79 | 571.5 | 12.91 | 12.00 | 187.1 | 12.00 | 6.11 | 27.8 | 6.11 | 7.36 | 14.8 | 7.36 | 801.2 | 801.2 | 11.43 | 11.43 |
| 1979/80 | 576.6 | 16.13 | 13.39 | 185.7 | 13.39 | 7.27 | 28.0 | 7.27 | 8.34 | 15.7 | 8.34 | 806.0 | 806.0 | 14.68 | 14.68 |
| 1980/81 | 573.4 | 13.53 | 13.59 | 182.7 | 13.59 | 10.63 | 25.3 | 10.63 | 7.42 | 13.2 | 7.42 | 794.6 | 794.6 | 13.20 | 13.20 |
| 1981/82 | 560.2 | 10.11 | 8.75 | 179.7 | 8.75 | 10.04 | 23.7 | 10.04 | 8.52 | 13.5 | 8.52 | 777.1 | 777.1 | 9.78 | 9.78 |
| 1982/83 | 536.8 | 11.70 | 16.09 | 177.4 | 16.09 | 4.40 | 24.0 | 4.40 | 11.27 | 12.6 | 11.27 | 750.8 | 750.8 | 12.68 | 12.68 |
| 1983/84 | 474.3 | 11.07 | 10.25 | 175.5 | 10.25 | (1) | 24.3 | (1) | 5.40 | 10.9 | 5.40 | 688.7 | 688.7 | 10.52 | 10.52 |
| 1984/85 | 420.1 | 11.13 | 11.22 | 175.2 | 11.22 | 1.69 | 11.4 | 1.69 | 8.44 | 10.9 | 8.44 | 617.6 | 617.6 | 10.90 | 10.90 |
| 1985/86 | 367.6 | 14.59 | 11.57 | 174.7 | 11.57 | 4.46 | 8.3 | 4.46 | 7.91 | 11.0 | 7.91 | 561.6 | 561.6 | 13.33 | 13.33 |
| 1986/87 | 375.4 | 14.35 | 12.55 | 173.0 | 12.55 | 6.70 | 8.3 | 6.70 | 9.27 | 10.9 | 9.27 | 567.6 | 567.6 | 13.56 | 13.56 |
| 1987/88 2/ | 382.9 | 16.22 | 12.83 | 172.0 | 12.83 | | 9.1 | | 6.42 | 10.6 | 6.42 | 574.6 | 574.6 | 14.87 | 14.87 |

1/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

2/ Preliminary.

Sources: Citrus Summary, Florida Agricultural Statistics and Citrus Fruit Summary, NASS, USDA.

Table 45--Oranges: Production by States, 1969/70 to date

| Crop years | Florida | California | Texas | Arizona | United States 1/ |
|----------------------|---------|------------|-------|---------|---------------------|
| --1,000 short tons-- | | | | | |
| 1969/70 | 6,197 | 1,463 | 189 | 174 | 8,023 |
| 1970/71 | 6,402 | 1,406 | 263 | 134 | 8,205 |
| 1971/72 | 6,165 | 1,627 | 261 | 184 | 8,237 |
| 1972/73 | 7,636 | 1,579 | 332 | 190 | 9,737 |
| 1973/74 | 7,461 | 1,516 | 281 | 128 | 9,386 |
| 1974/75 | 7,799 | 2,063 | 193 | 186 | 10,241 |
| 1975/76 | 8,154 | 1,980 | 259 | 100 | 10,493 |
| 1976/77 | 8,406 | 1,699 | 293 | 148 | 10,546 |
| 1977/78 | 7,551 | 1,599 | 260 | 136 | 9,546 |
| 1978/79 | 7,380 | 1,399 | 272 | 109 | 9,160 |
| 1979/80 | 9,302 | 2,228 | 171 | 131 | 11,832 |
| 1980/81 | 7,758 | 2,447 | 184 | 98 | 10,487 |
| 1981/82 | 5,661 | 1,572 | 252 | 115 | 7,600 |
| 1982/83 | 6,282 | 2,854 | 241 | 142 | 9,519 |
| 1983/84 | 5,252 | 1,819 | 107 | 68 | 7,245 |
| 1984/85 | 4,676 | 1,966 | (3) | 92 | 6,733 |
| 1985/86 | 5,364 | 2,022 | 14 | 87 | 7,487 |
| 1986/87 | 5,386 | 2,172 | 38 | 101 | 7,697 |
| 1987/88 2/ | 6,209 | 2,206 | 61 | 68 | 8,544 |

1/ Some figures may not add due to rounding.

2/ Preliminary.

3/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

Sources: Citrus Fruit Summary and July 1989 Crop Production, NASS, USDA.

Table 46--Oranges: Utilization of production, by States, 1969/70 to date

| Season | Florida | | | California | | | Arizona | | | Texas | | | United States 1/ | | |
|----------------------|---------|-----------|--|------------|-----------|--|---------|-----------|--|-------|-----------|--|------------------|-----------|--|
| | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | |
| --1,000 short tons-- | | | | | | | | | | | | | | | |
| 1969/70 | 597 | 5,600 | | 994 | 469 | | 90 | 83 | | 108 | 81 | | 1,789 | 6,233 | |
| 1970/71 | 628 | 5,775 | | 949 | 439 | | 49 | 84 | | 142 | 138 | | 1,768 | 6,436 | |
| 1971/72 | 505 | 5,660 | | 1,028 | 599 | | 76 | 108 | | 117 | 135 | | 1,727 | 6,511 | |
| 1972/73 | 550 | 7,086 | | 904 | 675 | | 108 | 82 | | 136 | 195 | | 1,698 | 8,039 | |
| 1973/74 | 499 | 6,962 | | 1,099 | 416 | | 79 | 49 | | 102 | 179 | | 1,778 | 7,606 | |
| 1974/75 | 603 | 7,196 | | 1,335 | 728 | | 111 | 76 | | 102 | 91 | | 2,151 | 8,090 | |
| 1975/76 | 528 | 7,626 | | 1,283 | 698 | | 46 | 54 | | 131 | 128 | | 1,987 | 8,506 | |
| 1976/77 | 400 | 8,006 | | 1,221 | 477 | | 87 | 62 | | 145 | 148 | | 1,852 | 8,694 | |
| 1977/78 | 448 | 7,103 | | 1,080 | 518 | | 99 | 37 | | 135 | 125 | | 1,762 | 7,781 | |
| 1978/79 | 527 | 6,853 | | 930 | 469 | | 62 | 47 | | 89 | 183 | | 1,607 | 7,552 | |
| 1979/80 | 495 | 8,807 | | 1,481 | 747 | | 83 | 49 | | 121 | 83 | | 2,146 | 9,686 | |
| 1980/81 | 372 | 7,386 | | 1,411 | 1,036 | | 63 | 35 | | 125 | 63 | | 1,968 | 8,519 | |
| 1981/82 | 343 | 5,318 | | 1,253 | 319 | | 80 | 35 | | 142 | 111 | | 1,799 | 7,783 | |
| 1982/83 | 464 | 5,818 | | 1,622 | 1,232 | | 95 | 47 | | 59 | 99 | | 2,324 | 7,195 | |
| 1983/84 | 344 | 4,908 | | 1,408 | 411 | | 57 | 11 | | (2) | 48 | | 1,887 | 5,377 | |
| 1984/85 | 299 | 4,376 | | 1,515 | 450 | | 72 | 20 | | (2) | 2 | | 2,120 | 4,846 | |
| 1985/86 | 403 | 4,961 | | 1,635 | 387 | | 70 | 17 | | 12 | 2 | | 2,070 | 5,367 | |
| 1986/87 | 399 | 4,987 | | 1,564 | 608 | | 73 | 28 | | 34 | 4 | | 2,081 | 5,627 | |
| 1987/88 3/ | 428 | 5,781 | | 1,545 | 661 | | 53 | 15 | | 55 | 6 | | | 6,463 | |

1/ Some figures may not add due to roundings.

2/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

3/ Preliminary.

Source: Citrus Fruit Summary, NASS, USDA.

Table 47--All oranges: Equivalent on-tree returns, by States, 1969/70 to date

| Crop Years | Florida | | | California | | | Texas | | | Arizona | | | United States | | |
|---------------|---------------------|------------|------|------------|------------|------|-------|------------|------|---------|------------|------|---------------|------------|------|
| | Fresh | Processing | All | Fresh | Processing | All | Fresh | Processing | All | Fresh | Processing | All | Fresh | Processing | All |
| | --Dollars per box-- | | | | | | | | | | | | | | |
| 1969/70 | 1.46 | 1.11 | 1.14 | 2.97 | 0.20 | 2.08 | 1.21 | 0.60 | 0.95 | 2.58 | 0.01 | 1.34 | 2.42 | 1.01 | 1.34 |
| 1970/71 | 1.81 | 1.42 | 1.46 | 3.33 | 0.09 | 2.31 | 0.98 | 0.55 | 0.77 | 3.52 | 0.32 | 1.50 | 2.69 | 1.28 | 1.61 |
| 1971/72 | 2.50 | 2.01 | 2.04 | 2.82 | 0.10 | 1.82 | 1.71 | 1.40 | 1.54 | 2.75 | 0.34 | 1.34 | 2.67 | 1.76 | 1.96 |
| 1972/73 | 1.85 | 1.54 | 1.56 | 4.00 | 0.02 | 2.30 | 1.34 | 0.99 | 1.13 | 3.73 | 0.35 | 2.27 | 3.16 | 1.36 | 1.70 |
| 1973/74 | 2.10 | 1.43 | 1.47 | 3.81 | -0.35 | 2.67 | 1.28 | 1.04 | 1.13 | 2.73 | -0.07 | 1.66 | 3.20 | 1.29 | 1.69 |
| 1974/75 | 2.11 | 1.58 | 1.62 | 3.50 | -0.51 | 1.07 | 1.87 | 1.00 | 1.46 | 2.69 | -0.28 | 1.49 | 3.04 | 1.33 | 1.72 |
| 1975/76 | 2.25 | 1.74 | 1.77 | 3.00 | -0.42 | 1.79 | 1.61 | 1.28 | 1.45 | 2.69 | -0.18 | 1.30 | 2.74 | 1.51 | 1.77 |
| 1976/77 | 2.20 | 2.17 | 2.17 | 3.76 | -0.66 | 2.52 | 2.06 | 1.72 | 1.89 | 2.66 | -0.42 | 1.38 | 3.29 | 1.96 | 2.21 |
| 1977/78 | 4.85 | 4.09 | 4.14 | 6.72 | 0.25 | 4.63 | 3.33 | 3.41 | 3.37 | 5.38 | 0.57 | 4.07 | 5.98 | 3.76 | 4.21 |
| 1978/79 | 5.36 | 4.61 | 4.66 | 7.55 | 0.36 | 5.14 | 3.88 | 3.09 | 3.35 | 6.68 | 0.95 | 4.19 | 6.69 | 4.23 | 4.70 |
| 1979/80 | 4.16 | 3.70 | 3.72 | 7.74 | -0.10 | 5.14 | 4.67 | 3.29 | 4.00 | 6.63 | 0.17 | 1.71 | 6.82 | 3.30 | 3.42 |
| 1980/81 | 5.79 | 3.96 | 4.04 | 5.46 | -0.28 | 7.45 | 4.13 | 3.07 | 3.76 | 6.11 | -0.71 | 2.41 | 5.39 | 3.78 | 3.75 |
| 1981/82 | 6.51 | 4.14 | 4.28 | 9.10 | -0.59 | 7.13 | 4.01 | 3.28 | 3.69 | 6.22 | -0.05 | 4.31 | 8.18 | 3.98 | 4.94 |
| 1982/83 | 5.94 | 5.08 | 5.15 | 4.37 | -0.16 | 2.42 | 4.16 | 2.93 | 3.65 | 4.52 | -0.01 | 3.02 | 4.65 | 4.98 | 4.15 |
| 1983/84 | 7.75 | 5.61 | 5.75 | 8.73 | -0.90 | 6.55 | 4.10 | 2.70 | 3.48 | 7.23 | -0.16 | 6.04 | 8.39 | 6.19 | 5.95 |
| 1984/85 | 11.11 | 6.83 | 7.10 | 10.01 | 1.23 | 8.00 | (1) | (1) | (1) | 9.55 | 1.23 | 7.79 | 10.14 | 6.19 | 7.41 |
| 1985/86 | 5.33 | 3.83 | 3.94 | 6.60 | -1.46 | 5.06 | 9.30 | 4.00 | 8.95 | 6.64 | -1.49 | 5.08 | 6.38 | 3.43 | 4.27 |
| 1986/87 | 6.18 | 5.14 | 5.22 | 8.50 | -1.03 | 5.83 | 7.85 | 2.47 | 7.29 | 6.45 | -0.59 | 4.52 | 7.98 | 4.45 | 5.40 |
| 1987/88 2/ | 7.71 | 6.66 | 6.73 | 8.58 | 0.15 | 6.06 | 8.15 | 3.27 | 7.62 | 8.13 | 0.40 | 6.47 | 8.39 | 5.97 | 6.56 |

1/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

2/ Preliminary.

Sources: Citrus Summary, Florida Agricultural Statistics and Agricultural Prices, NASS, USDA.

Table 48--Oranges processed, Florida, 1969/70 to date 1/

| Season | Frozen concentrates | Chilled products | | | Other processed 2/ | Total |
|-----------------|------------------------|------------------|------------------------|--------|-----------------------|---------|
| | | Juices | Sections and salads | Total | | |
| | | | | | | |
| --1,000 boxes-- | | | | | | |
| 1969/70 | 100,739 | 18,640 | 841 | 19,481 | 8,206 | 147,907 |
| 1970/71 | 103,521 | 19,772 | 703 | 20,475 | 8,834 | 153,305 |
| 1971/72 | 104,399 | 19,509 | 535 | 20,044 | 7,726 | 152,213 |
| 1972/73 | 132,210 | 20,465 | 654 | 21,119 | 8,949 | 183,397 |
| 1973/74 | 132,469 | 20,405 | 605 | 21,010 | 7,518 | 182,007 |
| 1974/75 | 135,512 | 22,777 | 526 | 23,303 | 7,580 | 189,698 |
| 1975/76 | 144,526 | 23,992 | 621 | 24,613 | 7,580 | 201,332 |
| 1976/77 | 147,772 | 27,243 | 378 | 27,621 | 8,812 | 211,826 |
| 1977/78 | 130,929 | 25,379 | 382 | 25,761 | 8,077 | 190,528 |
| 1978/79 | 129,123 | 22,793 | 315 | 23,108 | 6,525 | 181,864 |
| 1979/80 | 173,229 | 24,430 | 309 | 24,739 | 6,957 | 229,664 |
| 1980/81 | 144,322 | 19,640 | 227 | 19,867 | 6,353 | 190,409 |
| 1981/82 | 104,355 | 16,293 | 225 | 16,518 | 4,477 | 141,868 |
| 1982/83 | 114,343 | 18,084 | 170 | 18,254 | 2,665 | 153,516 |
| 1983/84 | 94,547 | N.A. | N.A. | 16,981 | 2,909 | 114,437 |
| 1984/85 | 86,112 | N.A. | N.A. | 14,903 | 1,907 | 102,922 |
| 1985/86 | 96,061 | N.A. | N.A. | 17,267 | 1,361 | 114,689 |
| 1986/87 | 96,182 | N.A. | N.A. | 19,661 | 948 | 116,791 |
| 1987/88 3/ | 110,206 | N.A. | N.A. | 23,325 | 904 | 134,435 |

N.A.= not available. Series no longer reported separately.

1/ Includes tangelos, temples, tangerines, and K-eary citrus.

2/ Includes cannery juice, blend, and sections and salads.

3/ Preliminary.

Source: Citrus Fruit Summary, NASS, USDA.

Table 49--Frozen concentrated orange juice: Canner's stocks, pack, supplies, and movement, Florida, 1969/70 to date

| Season 1/ | Carryin | Pack | Supply | Movement | Ending inventory 2/ |
|------------------------|---------|-------|--------|----------|------------------------|
| --Million gallons 3/-- | | | | | |
| 1969/70 | 17.4 | 126.4 | 143.8 | 121.2 | 22.6 |
| 1970/71 | 22.6 | 133.7 | 156.3 | 128.6 | 27.7 |
| 1971/72 | 27.7 | 145.9 | 173.6 | 126.3 | 47.3 |
| 1972/73 | 47.3 | 180.2 | 227.5 | 178.7 | 48.8 |
| 1973/74 | 48.8 | 176.4 | 225.2 | 178.7 | 46.5 |
| 1974/75 | 46.5 | 184.9 | 231.4 | 180.7 | 50.7 |
| 1975/76 | 50.7 | 203.5 | 254.2 | 200.6 | 53.6 |
| 1976/77 | 53.6 | 181.8 | 235.4 | 209.9 | 25.5 |
| 1977/78 | 25.5 | 200.4 | 225.9 | 195.0 | 30.9 |
| 1978/79 | 30.9 | 216.5 | 247.4 | 210.0 | 37.4 |
| 1979/80 | 37.4 | 256.5 | 293.9 | 239.0 | 54.9 |
| 1980/81 | 57.3 | 249.6 | 306.9 | 240.5 | 66.4 |
| 1981/82 | 69.0 | 214.9 | 283.9 | 230.5 | 53.4 |
| 1982/83 | 53.4 | 228.4 | 281.8 | 239.0 | 42.8 |
| 1983/84 | 42.8 | 239.9 | 282.7 | 228.3 | 54.4 |
| 1984/85 | 54.4 | 209.6 | 264.0 | 215.6 | 48.4 |
| 1985/86 | 48.3 | 215.1 | 263.4 | 226.4 | 37.0 |
| 1986/87 | 37.0 | 227.9 | 264.9 | 225.2 | 39.8 |
| 1987/88 | 39.8 | 240.9 | 280.7 | 238.5 | 42.2 |

1/ Season beginning December 1. 2/ Adjusted. 3/ Beginning 1981/82, reported in 42.0 degree Brix, previously reported in 43.4 and 45.0 degree Brix. The conversion factor ratio from 43.4 to 42.0 degree is 1.03970 and the ratio from 45.0 to 43.4 degree is 1.0442029.

Source: Florida Citrus Processors Association.

Table 50--Chilled orange juice: Canner's stocks, pack, supplies, and movement, Florida, 1969/70 to date

| Season 1/ | Carryin | Pack 2/ | Supply | Movement | Ending inventory |
|-------------------|---------|---------|---------|----------|------------------|
| --1,000 gallons-- | | | | | |
| 1969/70 | 12,604 | 107,940 | 120,544 | 106,064 | 14,480 |
| 1970/71 | 14,480 | 112,388 | 126,868 | 112,090 | 14,778 |
| 1971/72 | 14,778 | 116,970 | 131,748 | 111,756 | 19,992 |
| 1972/73 | 19,992 | 125,683 | 145,675 | 127,255 | 18,420 |
| 1973/74 | 18,420 | 135,313 | 153,733 | 137,347 | 16,386 |
| 1974/75 | 16,386 | 154,478 | 170,864 | 154,085 | 16,779 |
| 1975/76 | 16,779 | 174,804 | 191,583 | 173,558 | 18,025 |
| 1976/77 | 18,025 | 178,685 | 196,710 | 180,903 | 15,807 |
| 1977/78 | 15,807 | 184,966 | 200,773 | 185,088 | 15,685 |
| 1978/79 | 15,685 | 206,184 | 221,869 | 206,149 | 15,720 |
| 1979/80 | 15,721 | 234,768 | 250,489 | 233,775 | 16,714 |
| 1980/81 | 16,714 | 209,863 | 226,577 | 210,370 | 16,207 |
| 1981/82 | 15,934 | 181,000 | 196,934 | 182,279 | 14,655 |
| 1982/83 | 14,656 | 185,150 | 199,806 | 182,287 | 17,519 |
| 1983/84 | 17,519 | 273,827 | 291,346 | 264,995 | 26,351 |
| 1984/85 | 26,351 | N.A. | N.A. | N.A. | N.A. |
| 1985/86 | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1986/87 | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1987/88 | N.A. | N.A. | N.A. | N.A. | N.A. |

N.A.=not available.

1/ Season beginning October 1.

2/ Pack data are from fresh fruit and frozen concentrated juices, but excludes reprocessed single-strength.

Source: Florida Citrus Processors Association.

Table 51--Canned orange juice: Canner's stocks, pack, supplies, and movement, Florida, 1969/70 to date 1/

| Season 2/ | Carryin | Pack | Supply | Movement | Ending inventory |
|----------------------------------|---------|--------|--------|----------|------------------|
| --1,000 cases, (24 No. 2's)-- 3/ | | | | | |
| 1969/70 | 1,991 | 11,223 | 13,214 | 12,101 | 1,113 |
| 1970/71 | 1,113 | 11,749 | 12,862 | 11,532 | 1,330 |
| 1971/72 | 1,330 | 10,942 | 12,272 | 10,477 | 1,795 |
| 1972/73 | 1,795 | 13,670 | 15,465 | 12,578 | 2,887 |
| 1973/74 | 2,887 | 10,885 | 13,772 | 11,133 | 2,639 |
| 1974/75 | 2,639 | 10,737 | 13,376 | 11,349 | 2,027 |
| 1975/76 | 2,027 | 10,635 | 12,662 | 10,746 | 1,916 |
| 1976/77 | 1,916 | 10,767 | 12,683 | 10,592 | 2,091 |
| 1977/78 | 2,091 | 11,654 | 13,745 | 11,671 | 2,074 |
| 1978/79 | 2,074 | 13,222 | 15,296 | 12,678 | 2,618 |
| 1979/80 | 2,618 | 13,869 | 16,487 | 13,974 | 2,513 |
| 1980/81 | 2,513 | 13,012 | 15,525 | 13,031 | 2,494 |
| 1981/82 | 2,494 | 11,503 | 13,997 | 11,953 | 2,044 |
| 1982/83 | 2,404 | 9,802 | 12,206 | 10,792 | 1,414 |
| 1983/84 | 1,414 | 9,084 | 10,498 | 9,311 | 1,187 |
| 1984/85 | 1,187 | 7,425 | 8,612 | 7,723 | 889 |
| 1985/86 | 889 | 7,596 | 8,485 | 7,498 | 987 |
| 1986/87 | 987 | 8,122 | 9,109 | 8,084 | 1,025 |
| 1987/88 | 1,025 | 7,256 | 8,281 | 7,425 | 856 |

1/ Single-strength.

2/ Season beginning October 1.

3/ Beginning 1976/77 includes reconstituted orange juice.

Source: Florida Citrus Processors Association.

Table 52--Fresh oranges: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | |
|--------------------|------------------|---------|-----------------|-------------|-----------|-------------|---------------|
| | Production 2/ | Imports | Total supply | Exports | Shipments | Consumption | |
| | | | | | | Total | Per capita |
| | | | | | | | |
| --Million pounds-- | | | | | | | Pounds |
| 1969/70 | 3,836.0 | 58.0 | 3,894.0 | 569.2 | 10.7 | 3,314.1 | 16.16 |
| 1970/71 | 3,734.0 | 62.6 | 3,796.6 | 522.1 | 9.3 | 3,265.2 | 15.72 |
| 1971/72 | 3,612.0 | 84.6 | 3,696.6 | 642.7 | 15.2 | 3,038.7 | 14.48 |
| 1972/73 | 3,616.0 | 61.8 | 3,677.8 | 600.0 | 18.0 | 3,059.8 | 14.44 |
| 1973/74 | 3,732.0 | 53.9 | 3,785.9 | 688.1 | 13.3 | 3,084.5 | 14.42 |
| 1974/75 | 4,474.0 | 27.3 | 4,501.3 | 1,055.8 | 15.6 | 3,429.9 | 15.88 |
| 1975/76 | 4,182.0 | 20.5 | 4,202.5 | 970.4 | 17.2 | 3,214.9 | 14.74 |
| 1976/77 | 3,814.0 | 35.0 | 3,849.0 | 876.9 | 11.9 | 2,960.2 | 13.44 |
| 1977/78 | 3,714.0 | 26.6 | 3,740.6 | 737.8 | 8.9 | 2,993.9 | 13.45 |
| 1978/79 | 3,408.0 | 78.4 | 3,486.4 | 636.3 | 12.3 | 2,837.8 | 12.61 |
| 1979/80 | 4,542.0 | 22.2 | 4,564.2 | 947.9 | 8.8 | 3,607.5 | 15.84 |
| 1980/81 | 4,034.0 | 18.2 | 4,052.2 | 921.3 | 6.8 | 3,124.1 | 13.57 |
| 1981/82 | 3,710.0 | 29.4 | 3,739.4 | 780.6 | 4.0 | 2,954.8 | 12.71 |
| 1982/83 | 4,786.0 | 13.4 | 4,799.4 | 1,016.5 | 7.1 | 3,775.8 | 16.08 |
| 1983/84 | 3,806.0 | 38.5 | 3,844.5 | 810.5 | 2.5 | 3,031.5 | 12.79 |
| 1984/85 | 3,832.0 | 27.5 | 3,859.5 | 898.3 | 1.0 | 2,960.2 | 12.37 |
| 1985/86 | 4,506.0 | 62.1 | 4,568.1 | 869.2 | 1.9 | 3,697.0 | 15.30 |
| 1986/87 | 4,446.0 | 44.4 | 4,490.4 | 874.2 | 1.5 | 3,614.7 | 14.82 |
| 1987/88 | 4,368.0 | 49.6 | 4,417.6 | 738.0 | 0.0 | 3,679.6 | 14.95 |

1/ Season beginning November 1.

2/ Includes temples.

Source: Commodity Economics Division, ERS, USDA.

Table 53--Grapefruit: Bearing acreage and yield per acre, by States, 1969/70 to date

| Season | Florida | | | California | | | Texas | | | Arizona | | | United States | | |
|------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|
| | Bearing acreage | Yield per acre | 1,000 acres | Bearing acreage | Yield per acre | 1,000 acres | Bearing acreage | Yield per acre | 1,000 acres | Bearing acreage | Yield per acre | 1,000 acres | Bearing acreage | Yield per acre | 1,000 acres |
| 1969/70 | 98.7 | 16.11 | | 12.8 | 13.36 | 40.0 | 8.10 | | | 6.1 | 16.56 | | 157.6 | 13.87 | |
| 1970/71 | 107.2 | 17.01 | | 12.1 | 13.55 | 37.6 | 10.74 | | | 6.3 | 12.86 | | 153.2 | 15.15 | |
| 1971/72 | 112.6 | 17.75 | | 12.6 | 14.21 | 35.0 | 10.51 | | | 6.4 | 12.66 | | 166.6 | 15.77 | |
| 1972/73 | 114.6 | 16.84 | | 13.1 | 14.43 | 35.0 | 13.49 | | | 8.0 | 10.63 | | 170.7 | 15.68 | |
| 1973/74 | 115.8 | 17.65 | | 14.3 | 10.77 | 35.0 | 12.33 | | | 8.2 | 8.05 | | 173.3 | 15.53 | |
| 1974/75 | 115.4 | 16.44 | | 15.8 | 14.30 | 33.1 | 18.82 | | | 9.3 | 9.57 | | 173.6 | 14.42 | |
| 1975/76 | 117.9 | 17.71 | | 16.4 | 14.27 | 33.1 | 12.93 | | | 9.6 | 10.42 | | 177.0 | 16.10 | |
| 1976/77 | 119.3 | 18.36 | | 16.6 | 15.06 | 35.1 | 14.13 | | | 10.2 | 9.41 | | 181.2 | 16.73 | |
| 1977/78 | 120.3 | 18.15 | | 17.4 | 15.75 | 40.1 | 11.87 | | | 10.8 | 8.89 | | 188.6 | 16.07 | |
| 1978/79 | 124.6 | 17.05 | | 19.5 | 10.26 | 39.8 | 9.05 | | | 8.9 | 8.09 | | 192.8 | 14.30 | |
| 1979/80 | 126.4 | 18.43 | | 21.3 | 11.50 | 43.8 | 7.21 | | | 8.4 | 11.43 | | 199.9 | 14.94 | |
| 1980/81 | 125.6 | 17.02 | | 21.8 | 12.06 | 41.5 | 6.46 | | | 8.1 | 11.11 | | 197.0 | 14.01 | |
| 1981/82 | 127.8 | 15.99 | | 22.0 | 9.14 | 41.1 | 13.53 | | | 8.1 | 9.51 | | 199.0 | 14.46 | |
| 1982/83 | 128.6 | 13.02 | | 21.7 | 10.97 | 42.2 | 10.62 | | | 6.8 | 12.79 | | 199.3 | 12.28 | |
| 1983/84 | 119.6 | 14.53 | | 21.9 | 10.82 | 43.2 | 2.96 | | | 6.8 | 10.74 | | 191.5 | 11.36 | |
| 1984/85 | 115.5 | 16.19 | | 21.1 | 13.70 | 19.1 | (1) | | | 7.1 | 13.52 | | 162.8 | 13.85 | |
| 1985/86 | 105.1 | 18.91 | | 20.9 | 12.73 | 13.5 | 0.67 | | | 5.7 | 13.51 | | 145.2 | 16.11 | |
| 1986/87 | 106.0 | 19.96 | | 20.7 | 14.73 | 13.5 | 5.70 | | | 5.9 | 11.86 | | 146.1 | 17.58 | |
| 1987/88 2/ | 106.8 | 21.43 | | 20.6 | 14.22 | 14.0 | 10.86 | | | 6.0 | 8.00 | | 147.4 | 18.87 | |

1/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

2/ Preliminary.

Sources: Citrus Summary, Florida Agricultural Statistics and Citrus Fruit Summary, NASS, USDA.

Table 54--Grapefruit: Production by States, 1969/70 to date

| Crop years | Florida | California | Texas | Arizona | United States 1/ |
|----------------------|---------|------------|-------|---------|---------------------|
| --1,000 short tons-- | | | | | |
| 1969/70 | 1,590 | 171 | 324 | 101 | 2,186 |
| 1970/71 | 1,824 | 164 | 404 | 81 | 2,473 |
| 1971/72 | 1,999 | 179 | 368 | 81 | 2,627 |
| 1972/73 | 1,930 | 189 | 472 | 85 | 2,676 |
| 1973/74 | 2,044 | 154 | 428 | 66 | 2,692 |
| 1974/75 | 1,897 | 226 | 292 | 89 | 2,504 |
| 1975/76 | 2,088 | 234 | 428 | 100 | 2,850 |
| 1976/77 | 2,190 | 250 | 496 | 96 | 3,032 |
| 1977/78 | 2,184 | 274 | 476 | 96 | 3,030 |
| 1978/79 | 2,125 | 200 | 360 | 72 | 2,757 |
| 1979/80 | 2,329 | 245 | 316 | 96 | 2,986 |
| 1980/81 | 2,138 | 263 | 268 | 90 | 2,758 |
| 1981/82 | 2,044 | 201 | 556 | 77 | 2,878 |
| 1982/83 | 1,674 | 238 | 448 | 87 | 2,447 |
| 1983/84 | 1,738 | 237 | 128 | 73 | 2,176 |
| 1984/85 | 1,870 | 289 | (2) | 96 | 2,255 |
| 1985/86 | 1,987 | 266 | 9 | 77 | 2,339 |
| 1986/87 | 2,116 | 305 | 77 | 70 | 2,568 |
| 1987/88 3/ | 2,288 | 293 | 152 | 48 | 2,781 |

1/ Some totals may not add do to rounding.

2/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

3/ Preliminary.

Sources: Citrus Fruit Summary and July 1989 Crop Production, NASS, USDA.

Table 55--All grapefruit: Equivalent on-tree returns, by States, 1969/70 to date

| Crop years | Florida | | | California | | | Texas | | | Arizona | | | United States | | |
|-----------------|------------|------|------------|------------|------|------------|------------|------|------------|------------|------|------------|---------------|------|------------|
| | Fresh | | | Fresh | | | Fresh | | | Fresh | | | Fresh | | |
| | Processing | All | Processing | Processing | All | Processing | Processing | All | Processing | Processing | All | Processing | Processing | All | Processing |
| --Dollars/box-- | | | | | | | | | | | | | | | |
| 1969/70 | 2.29 | 1.33 | 1.70 | 3.23 | 1.74 | 1.54 | 0.70 | 1.21 | 3.05 | 0.50 | 1.92 | 2.30 | 1.12 | 1.64 | 1.38 |
| 1970/71 | 2.42 | 1.63 | 1.91 | 4.17 | 2.52 | 1.48 | 0.80 | 1.20 | 3.05 | 0.00 | 0.84 | 2.41 | 1.38 | 1.80 | 1.63 |
| 1971/72 | 3.12 | 1.85 | 2.32 | 4.27 | 2.42 | 1.48 | 1.22 | 1.86 | 2.65 | 0.20 | 1.44 | 3.04 | 1.63 | 2.23 | 1.63 |
| 1972/73 | 3.10 | 1.87 | 2.08 | 3.78 | 1.95 | 2.30 | 1.21 | 1.80 | 2.40 | 0.30 | 1.22 | 2.96 | 1.29 | 1.98 | 1.29 |
| 1973/74 | 2.54 | 1.70 | 1.66 | 3.37 | 1.87 | 1.92 | 0.68 | 1.31 | 2.30 | 0.15 | 1.34 | 2.48 | 0.97 | 1.61 | 0.97 |
| 1974/75 | 3.03 | 0.76 | 1.72 | 3.19 | 1.60 | 2.55 | 0.90 | 1.95 | 2.70 | 0.10 | 1.40 | 2.96 | 0.66 | 1.72 | 0.66 |
| 1975/76 | 2.48 | 0.75 | 1.77 | 2.63 | 1.27 | 1.73 | 0.57 | 1.36 | 1.90 | -0.05 | 0.76 | 2.31 | 0.61 | 1.40 | 0.61 |
| 1976/77 | 2.60 | 1.58 | 1.58 | 2.60 | 1.58 | 1.88 | 0.74 | 1.34 | 2.20 | -0.40 | 0.99 | 2.47 | 0.88 | 1.49 | 0.88 |
| 1977/78 | 2.35 | 1.67 | 1.64 | 4.80 | 2.34 | 1.22 | 0.62 | 0.95 | 4.34 | -0.74 | 0.44 | 2.46 | 0.93 | 1.55 | 0.93 |
| 1978/79 | 3.23 | 1.87 | 2.41 | 6.59 | 3.70 | 2.00 | 0.66 | 1.26 | 3.93 | -0.62 | 1.69 | 3.53 | 2.35 | 2.35 | 2.35 |
| 1979/80 | 4.15 | 2.85 | 3.31 | 4.50 | 3.52 | 3.18 | 1.31 | 2.59 | 4.91 | -0.20 | 1.49 | 4.04 | 2.36 | 3.01 | 2.36 |
| 1980/81 | 5.25 | 2.76 | 3.60 | 6.34 | 3.33 | 3.70 | 0.91 | 3.27 | 4.01 | -0.20 | 2.72 | 5.15 | 0.69 | 3.56 | 0.69 |
| 1981/82 | 4.48 | 0.82 | 2.09 | 3.95 | 1.85 | 2.73 | 0.98 | 1.89 | 3.66 | -1.58 | 1.01 | 3.78 | 0.22 | 1.70 | 0.22 |
| 1982/83 | 3.61 | 0.52 | 1.96 | 4.05 | 1.94 | 1.75 | 0.24 | 2.26 | 2.73 | -1.52 | 1.91 | 4.19 | 1.30 | 2.68 | 1.30 |
| 1983/84 | 4.20 | 1.70 | 2.72 | 5.30 | 2.83 | 2.24 | (1) | 2.03 | 4.44 | -0.38 | 2.54 | 6.39 | 2.31 | 4.01 | 2.31 |
| 1984/85 | 5.62 | 2.66 | 3.67 | 8.18 | 5.63 | (1) | (1) | (1) | 6.64 | -0.79 | 4.18 | 8.36 | 3.81 | 4.29 | 3.81 |
| 1985/86 | 5.19 | 3.29 | 4.09 | 8.74 | 5.93 | 8.93 | 3.53 | 8.44 | 5.66 | -0.64 | 3.53 | 6.29 | 3.81 | 4.29 | 3.81 |
| 1986/87 | 5.89 | 4.32 | 4.98 | 7.71 | 4.62 | 7.88 | 3.40 | 7.02 | 5.96 | -0.44 | 2.91 | 6.83 | 4.07 | 4.96 | 4.07 |
| 1987/88 2/ | 6.85 | 4.45 | 5.48 | 7.01 | 4.77 | 6.93 | 3.32 | 5.97 | 4.58 | -0.44 | 2.91 | 6.83 | 4.07 | 5.39 | 4.07 |

1/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.

2/ Preliminary.

Sources: Florida Agricultural Statistics and Agricultural Prices Annual Summary 1988, NASS, USDA.

Table 56--Grapefruit: Utilization of production, by States, 1969/70 to date

| Crop years | Florida | | | California | | | Arizona | | | Texas | | | United States 1/ | | |
|----------------------|---------|-----------|--|------------|-----------|--|---------|-----------|--|-------|-----------|--|------------------|-----------|--|
| | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | | Fresh | Processed | |
| --1,000 short tons-- | | | | | | | | | | | | | | | |
| 1969/70 | 606 | 983 | | 90 | 81 | | 56 | 45 | | 197 | 127 | | 949 | 1,236 | |
| 1970/71 | 636 | 1,187 | | 92 | 72 | | 22 | 58 | | 238 | 166 | | 987 | 1,484 | |
| 1971/72 | 724 | 1,273 | | 95 | 85 | | 41 | 40 | | 230 | 138 | | 1,089 | 1,536 | |
| 1972/73 | 724 | 1,205 | | 94 | 95 | | 37 | 48 | | 254 | 218 | | 1,109 | 1,566 | |
| 1973/74 | 796 | 1,248 | | 79 | 72 | | 36 | 29 | | 216 | 212 | | 1,127 | 1,562 | |
| 1974/75 | 799 | 1,697 | | 116 | 110 | | 44 | 44 | | 186 | 106 | | 1,145 | 1,357 | |
| 1975/76 | 866 | 1,251 | | 118 | 116 | | 41 | 58 | | 291 | 137 | | 1,315 | 1,532 | |
| 1976/77 | 697 | 1,492 | | 138 | 112 | | 46 | 50 | | 259 | 237 | | 1,140 | 1,891 | |
| 1977/78 | 767 | 1,418 | | 144 | 127 | | 38 | 58 | | 264 | 212 | | 1,213 | 1,815 | |
| 1978/79 | 841 | 1,284 | | 120 | 79 | | 34 | 38 | | 160 | 200 | | 1,152 | 1,602 | |
| 1979/80 | 829 | 1,500 | | 112 | 131 | | 43 | 34 | | 168 | 148 | | 1,153 | 1,833 | |
| 1980/81 | 730 | 1,408 | | 146 | 116 | | 51 | 38 | | 186 | 82 | | 1,113 | 1,645 | |
| 1981/82 | 711 | 1,334 | | 120 | 79 | | 36 | 41 | | 289 | 267 | | 1,156 | 1,721 | |
| 1982/83 | 778 | 896 | | 144 | 94 | | 52 | 35 | | 312 | 136 | | 1,286 | 1,600 | |
| 1983/84 | 708 | 1,030 | | 150 | 85 | | 49 | 23 | | 114 | 14 | | 1,022 | 1,351 | |
| 1984/85 | 637 | 1,233 | | 202 | 85 | | 62 | 34 | | (2) | (2) | | 901 | 1,52 | |
| 1985/86 | 834 | 1,153 | | 188 | 78 | | 49 | 28 | | 8 | 1 | | 1,079 | 1,351 | |
| 1986/87 | 890 | 1,226 | | 192 | 113 | | 44 | 26 | | 62 | 15 | | 1,188 | 1,380 | |
| 1987/88 3/ | 982 | 1,306 | | 204 | 89 | | 32 | 16 | | 111 | 41 | | 1,329 | 1,452 | |

1/ Some figures may not add due to rounding;
2/ Due to the severe freeze of December 1983, no commercial supplies were harvested for the 1984/85 crop.
3/ Preliminary.

Source: Citrus Fruit Summary, NASS, USDA.

Table 57--Grapefruit processed, Florida, 1969/70 to date

| Season | Frozen concentrates | Chilled products | | Other processed 1/ | Total |
|-----------------|------------------------|------------------|------------------------|-----------------------|--------|
| | | Juices | Sections and salads | | |
| --1,000 boxes-- | | | | | |
| 1969/70 | 4,579 | 1,824 | 1,158 | 15,577 | 23,138 |
| 1970/71 | 6,819 | 2,348 | 1,091 | 17,682 | 27,940 |
| 1971/72 | 8,725 | 3,206 | 994 | 17,036 | 29,961 |
| 1972/73 | 8,212 | 2,908 | 1,209 | 16,025 | 28,354 |
| 1973/74 | 8,732 | 2,715 | 1,118 | 16,804 | 29,369 |
| 1974/75 | 7,779 | 3,332 | 967 | 13,725 | 25,803 |
| 1975/76 | 8,987 | 3,919 | 1,054 | 14,771 | 28,731 |
| 1976/77 | 13,020 | 4,331 | 934 | 16,822 | 35,107 |
| 1977/78 | 13,999 | 4,363 | 917 | 14,083 | 33,362 |
| 1978/79 | 13,274 | 3,162 | 771 | 13,001 | 30,208 |
| 1979/80 | 18,506 | 3,592 | 801 | 12,400 | 35,299 |
| 1980/81 | 19,490 | 2,844 | 645 | 10,154 | 33,133 |
| 1981/82 | 20,052 | 1,697 | 628 | 9,004 | 31,381 |
| 1982/83 | 13,977 | 1,314 | 417 | 5,379 | 21,087 |
| 1983/84 | 18,728 | 1,320 | -- | 4,191 | 24,239 |
| 1984/85 | 22,996 | 1,065 | -- | 4,951 | 29,012 |
| 1985/86 | 21,572 | 1,189 | -- | 4,369 | 27,130 |
| 1986/87 | 24,143 | 2,295 | -- | 2,424 | 28,862 |
| 1987/88 | 26,690 | 1,965 | -- | 2,085 | 30,740 |

-- no longer reported.

1/ Includes cannery juices, blends, and sections and salads.

Source: Citrus Fruit Summary, NASS, USDA.

Table 58--Frozen concentrated grapefruit juice: Canner's stocks, pack, supplies, and movement, Florida, 1969/70 to date

| Season 1/ | Carryin | Pack | Supply | Movement | Ending inventory |
|------------------------|---------|------|--------|----------|---------------------|
| --Million gallons-- 2/ | | | | | |
| 1969/70 | 1.4 | 4.3 | 5.7 | 5.2 | 0.5 |
| 1970/71 | 0.5 | 6.9 | 7.4 | 6.3 | 1.1 |
| 1971/72 | 1.1 | 8.8 | 9.9 | 7.1 | 2.8 |
| 1972/73 | 2.8 | 8.7 | 11.5 | 7.9 | 3.6 |
| 1973/74 | 3.6 | 9.0 | 12.6 | 7.7 | 4.9 |
| 1974/75 | 4.9 | 7.8 | 12.7 | 8.5 | 4.2 |
| 1975/76 | 4.2 | 9.5 | 13.7 | 10.4 | 3.3 |
| 1976/77 | 3.3 | 12.4 | 15.7 | 11.9 | 3.8 |
| 1977/78 | 3.8 | 14.0 | 17.8 | 13.6 | 4.2 |
| 1978/79 | 4.2 | 14.4 | 18.6 | 16.3 | 2.3 |
| 1979/80 | 2.3 | 19.6 | 21.9 | 17.0 | 4.9 |
| 1980/81 | 4.9 | 21.1 | 26.0 | 17.6 | 8.4 |
| 1981/82 | 8.4 | 21.9 | 30.3 | 18.9 | 11.4 |
| 1982/83 | 11.4 | 15.1 | 26.5 | 21.1 | 5.4 |
| 1983/84 | 5.4 | 20.2 | 25.6 | 21.6 | 4.0 |
| 1984/85 | 4.0 | 25.3 | 29.3 | 25.9 | 3.4 |
| 1985/86 | 3.4 | 26.2 | 29.6 | 26.2 | 3.4 |
| 1986/87 | 3.4 | 30.2 | 33.6 | 28.4 | 5.2 |
| 1987/88 | 5.2 | 33.5 | 38.7 | 28.9 | 9.8 |

1/ Season beginning December 1.

2/ 40 degree Brix.

Table 59--Chilled grapefruit juice: Canner's stocks, pack, supplies, and movement, Florida, 1969/70 to date

| Season 1/ | Carryin | Pack 2/ | Supply | Movement | Ending inventory |
|-------------------|---------|---------|--------|----------|------------------|
| --1,000 gallons-- | | | | | |
| 1969/70 | 1,067 | 9,430 | 10,497 | 10,128 | 369 |
| 1970/71 | 369 | 12,949 | 13,318 | 12,394 | 924 |
| 1971/72 | 924 | 17,358 | 18,282 | 15,261 | 3,021 |
| 1972/73 | 3,021 | 16,071 | 19,092 | 16,871 | 2,221 |
| 1973/74 | 2,221 | 17,376 | 19,597 | 17,916 | 1,681 |
| 1974/75 | 1,681 | 20,535 | 22,216 | 20,768 | 1,448 |
| 1975/76 | 1,448 | 24,538 | 25,986 | 24,583 | 1,403 |
| 1976/77 | 1,403 | 25,074 | 26,477 | 25,111 | 1,366 |
| 1977/78 | 1,366 | 25,460 | 26,826 | 24,920 | 1,906 |
| 1978/79 | 1,906 | 27,132 | 29,038 | 27,598 | 1,440 |
| 1979/80 | 1,440 | 28,674 | 30,114 | 27,364 | 2,750 |
| 1980/81 | 2,750 | 26,023 | 28,773 | 26,291 | 2,482 |
| 1981/82 | 2,482 | 22,943 | 25,425 | 23,224 | 2,201 |
| 1982/83 | 2,201 | 20,336 | 22,537 | 21,177 | 1,360 |
| 1983/84 | 1,360 | 27,642 | 29,002 | 27,336 | 1,666 |
| 1984/85 | 1,666 | 32,391 | 34,057 | 32,485 | 1,572 |
| 1985/86 | 1,572 | 33,989 | 35,561 | 33,600 | 1,961 |
| 1986/87 | 1,961 | 37,493 | 39,454 | 37,546 | 1,908 |
| 1987/88 | 1,908 | 36,884 | 38,792 | 36,267 | 2,525 |

1/ Season beginning October 1.

2/ Pack data are from fresh and frozen concentrated juice, but excludes reprocessed single-strength.

Source: Florida Citrus Processors Association.

Table 60--Canned grapefruit juice: Cannery's stocks, pack, supplies, and movement, Florida, 1969/70 to date 1/

| Season 2/ | Carryin | Pack | Supply | Movement | Ending inventory |
|----------------------------------|---------|--------|--------|----------|------------------|
| --1,000 cases, (24 No. 2's)-- 3/ | | | | | |
| 1969/70 | 1,634 | 16,423 | 18,057 | 17,238 | 819 |
| 1970/71 | 819 | 19,110 | 19,929 | 18,324 | 1,605 |
| 1971/72 | 1,605 | 20,873 | 22,478 | 18,168 | 4,310 |
| 1972/73 | 4,310 | 19,059 | 23,369 | 19,166 | 4,203 |
| 1973/74 | 4,203 | 20,576 | 24,779 | 18,780 | 5,999 |
| 1974/75 | 5,999 | 15,951 | 21,950 | 18,129 | 3,821 |
| 1975/76 | 3,821 | 18,439 | 22,260 | 18,623 | 3,637 |
| 1976/77 | 3,637 | 18,029 | 21,666 | 16,943 | 4,723 |
| 1977/78 | 4,723 | 16,789 | 21,512 | 17,951 | 3,561 |
| 1978/79 | 3,561 | 16,764 | 20,325 | 17,295 | 3,030 |
| 1979/80 | 3,030 | 16,604 | 19,634 | 16,222 | 3,412 |
| 1980/81 | 3,412 | 14,231 | 17,643 | 14,335 | 3,308 |
| 1981/82 | 3,308 | 15,725 | 19,033 | 14,767 | 4,266 |
| 1982/83 | 4,266 | 11,651 | 15,917 | 13,495 | 2,422 |
| 1983/84 | 2,422 | 9,513 | 11,935 | 10,231 | 1,704 |
| 1984/85 | 1,704 | 10,552 | 12,256 | 10,968 | 1,288 |
| 1985/86 | 1,288 | 9,948 | 11,236 | 9,721 | 1,515 |
| 1986/87 | 1,515 | 8,982 | 10,497 | 9,027 | 1,470 |
| 1987/88 | 1,470 | 7,724 | 9,194 | 7,872 | 1,322 |

1/ Single-strength.

2/ Season beginning October 1.

3/ Beginning 1976/77 includes reconstituted grapefruit juice.

Source: Florida Citrus Processors Association.

Table 61--Fresh grapefruit: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | |
|--------------|--------------------|---------|-----------------|-------------|-----------|-------------|---------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption | |
| | | | | | | Total | Per capita |
| | --Million pounds-- | | | | | | Pounds |
| 1969/70 | 1,900.0 | 8.0 | 1,908.0 | 230.2 | 1.6 | 1,676.2 | 8.17 |
| 1970/71 | 1,978.0 | 6.8 | 1,984.8 | 215.1 | 1.4 | 1,768.3 | 8.52 |
| 1971/72 | 2,180.0 | 14.1 | 2,194.1 | 401.4 | 2.1 | 1,790.6 | 8.53 |
| 1972/73 | 2,218.0 | 17.4 | 2,235.4 | 423.6 | 3.0 | 1,808.8 | 8.54 |
| 1973/74 | 2,262.0 | 14.2 | 2,276.2 | 518.2 | 2.2 | 1,755.8 | 8.21 |
| 1974/75 | 2,290.0 | 10.4 | 2,300.4 | 502.0 | 1.5 | 1,796.9 | 8.32 |
| 1975/76 | 2,634.0 | 9.4 | 2,643.4 | 628.0 | 1.4 | 2,014.0 | 9.24 |
| 1976/77 | 2,282.0 | 19.3 | 2,301.3 | 604.9 | 0.7 | 1,695.7 | 7.70 |
| 1977/78 | 2,430.0 | 7.0 | 2,437.0 | 584.5 | 0.9 | 1,851.6 | 8.32 |
| 1978/79 | 2,310.0 | 6.0 | 2,316.0 | 613.8 | 0.8 | 1,701.4 | 7.56 |
| 1979/80 | 2,304.0 | 6.7 | 2,310.7 | 483.7 | 1.2 | 1,825.8 | 8.02 |
| 1980/81 | 2,228.0 | 9.4 | 2,237.4 | 650.6 | 0.8 | 1,586.0 | 6.89 |
| 1981/82 | 2,316.0 | 3.9 | 2,319.9 | 574.3 | 0.5 | 1,745.1 | 7.51 |
| 1982/83 | 2,572.0 | 4.8 | 2,576.8 | 679.9 | 0.3 | 1,896.6 | 8.08 |
| 1983/84 | 2,046.0 | 2.1 | 2,048.1 | 547.7 | 0.4 | 1,500.0 | 6.33 |
| 1984/85 | 1,806.0 | 5.1 | 1,811.1 | 438.4 | 0.3 | 1,372.4 | 5.74 |
| 1985/86 | 2,158.0 | 5.5 | 2,163.5 | 594.3 | 0.1 | 1,569.1 | 6.49 |
| 1986/87 | 2,376.0 | 4.0 | 2,380.0 | 765.7 | 0.0 | 1,614.3 | 6.62 |
| 1987/88 | 2,658.0 | 11.0 | 2,669.0 | 1,018.5 | 0.0 | 1,650.5 | 6.71 |

1/ Season beginning September 1.

Source: Commodity Economics Division, ERS, USDA.

Table 62--Lemons: Bearing acreage and yield per acre, by States, 1969/70 to date

| Crop years | California | | Arizona | | United States | |
|---------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| | Bearing acreage | Yield per acre | Bearing acreage | Yield per acre | Bearing acreage | Yield per acre |
| | 1,000 acres | Tons | 1,000 acres | Tons | 1,000 acres | Tons |
| 1969/70 | 37.4 | 12.49 | 9.7 | 11.01 | 47.1 | 12.20 |
| 1970/71 | 38.2 | 13.22 | 12.2 | 9.84 | 50.4 | 12.40 |
| 1971/72 | 39.1 | 13.22 | 12.9 | 9.07 | 52.0 | 12.19 |
| 1972/73 | 41.1 | 16.28 | 14.5 | 12.07 | 55.6 | 15.18 |
| 1973/74 | 44.7 | 12.66 | 19.9 | 5.53 | 64.6 | 10.46 |
| 1974/75 | 45.6 | 18.51 | 20.5 | 13.37 | 66.1 | 16.90 |
| 1975/76 | 47.3 | 12.22 | 20.3 | 4.53 | 67.6 | 9.91 |
| 1976/77 | 47.9 | 16.66 | 20.3 | 9.36 | 68.2 | 14.49 |
| 1977/78 | 49.0 | 15.73 | 20.9 | 10.53 | 69.9 | 14.19 |
| 1978/79 | 50.3 | 10.66 | 18.6 | 11.24 | 68.9 | 10.81 |
| 1979/80 | 49.8 | 13.51 | 20.3 | 5.71 | 70.1 | 11.26 |
| 1980/81 | 52.7 | 17.51 | 19.2 | 13.85 | 71.9 | 16.54 |
| 1981/82 | 54.2 | 12.97 | 21.6 | 11.06 | 75.8 | 12.43 |
| 1982/83 | 52.0 | 14.85 | 19.5 | 9.79 | 71.5 | 13.47 |
| 1983/84 | 51.4 | 12.74 | 18.3 | 8.31 | 69.7 | 11.59 |
| 1984/85 | 49.6 | 15.16 | 17.0 | 13.41 | 66.6 | 14.71 |
| 1985/86 | 48.8 | 11.74 | 16.5 | 7.49 | 65.3 | 10.68 |
| 1986/87 | 48.9 | 16.72 | 17.4 | 15.50 | 66.3 | 16.38 |
| 1987/88 1/ | 48.9 | 13.22 | 16.4 | 8.47 | 65.3 | 12.01 |

1/ Preliminary.

Source: Citrus Fruit Summary, NASS, USDA.

Table 63--Lemons: Production by States,
1969/70 to date

| Season | Arizona | California | United States 1/ |
|----------------------|---------|------------|------------------|
| --1,000 short tons-- | | | |
| 1969/70 | 107 | 467 | 575 |
| 1970/71 | 120 | 505 | 625 |
| 1971/72 | 117 | 517 | 634 |
| 1972/73 | 175 | 669 | 844 |
| 1973/74 | 110 | 566 | 676 |
| 1974/75 | 274 | 844 | 1,117 |
| 1975/76 | 92 | 578 | 670 |
| 1976/77 | 190 | 798 | 988 |
| 1977/78 | 220 | 771 | 992 |
| 1978/79 | 209 | 536 | 745 |
| 1979/80 | 116 | 673 | 789 |
| 1980/81 | 266 | 923 | 1,189 |
| 1981/82 | 239 | 703 | 942 |
| 1982/83 | 192 | 771 | 963 |
| 1983/84 | 152 | 656 | 808 |
| 1984/85 | 228 | 752 | 980 |
| 1985/86 | 123 | 574 | 697 |
| 1986/87 | 270 | 817 | 1,087 |
| 1987/88 2/ | 139 | 646 | 785 |

1/ Some figures may not add due to rounding.

2/ Preliminary.

Sources: Citrus Fruit Summary and July 1989 Crop
Production, NASS, USDA.

Table 64--All lemons: Equivalent on-tree returns, by States, 1969/70 to date

| Crop years | California | | | Arizona | | | United States | | |
|-----------------|------------|------------|------|---------|------------|-------|---------------|------------|------|
| | Fresh | Processing | All | Fresh | Processing | All | Fresh | Processing | All |
| --Dollars/box-- | | | | | | | | | |
| 1969/70 | 5.30 | 0.64 | 3.64 | 6.60 | 0.65 | 3.49 | 5.49 | 0.64 | 3.61 |
| 1970/71 | 5.74 | 0.86 | 3.96 | 5.70 | 0.50 | 2.61 | 5.73 | 0.76 | 3.70 |
| 1971/72 | 5.50 | 1.12 | 3.79 | 5.30 | 0.60 | 2.60 | 5.47 | 0.99 | 3.57 |
| 1972/73 | 5.25 | 0.71 | 3.07 | 5.55 | 0.75 | 2.70 | 5.30 | 0.72 | 2.99 |
| 1973/74 | 7.05 | 0.58 | 4.66 | 7.60 | 0.70 | 4.83 | 7.14 | 0.60 | 4.69 |
| 1974/75 | 6.43 | -0.62 | 2.43 | 5.30 | 0.25 | 1.60 | 6.24 | -0.36 | 2.23 |
| 1975/76 | 6.75 | -0.80 | 3.95 | 9.15 | -0.95 | 4.79 | 7.05 | -0.82 | 4.07 |
| 1976/77 | 4.20 | -0.95 | 1.75 | 4.35 | -0.95 | 1.27 | 4.22 | -0.95 | 1.66 |
| 1977/78 | 6.57 | -1.04 | 2.67 | 4.30 | -1.36 | 0.88 | 6.14 | -1.12 | 2.27 |
| 1978/79 | 9.43 | -1.00 | 5.78 | 4.34 | -0.98 | 1.73 | 8.24 | -0.99 | 4.64 |
| 1979/80 | 9.00 | 1.02 | 5.13 | 9.90 | -0.04 | 5.13 | 9.13 | 0.87 | 5.13 |
| 1980/81 | 6.22 | -0.33 | 2.14 | 4.30 | -0.24 | 1.21 | 5.84 | -0.31 | 1.93 |
| 1981/82 | 7.64 | -2.90 | 1.64 | 5.13 | -2.90 | 0.39 | 7.03 | -2.90 | 1.32 |
| 1982/83 | 6.20 | -2.94 | 1.22 | 5.93 | -2.92 | 1.25 | 6.14 | -2.94 | 1.23 |
| 1983/84 | 8.16 | -2.06 | 3.41 | 5.07 | -3.12 | 1.63 | 7.54 | -2.24 | 3.08 |
| 1984/85 | 10.58 | -1.06 | 4.44 | 6.74 | -1.91 | 1.54 | 9.80 | -1.28 | 3.76 |
| 1985/86 | 14.28 | -1.18 | 8.55 | 20.95 | -1.23 | 12.28 | 15.43 | -1.19 | 9.21 |
| 1986/87 | 10.54 | -1.18 | 4.27 | 6.32 | -1.10 | 1.35 | 9.74 | -1.16 | 3.55 |
| 1987/88 1/ | 13.44 | -2.12 | 7.12 | 12.24 | -2.04 | 5.65 | 13.24 | -2.10 | 6.86 |

1/ Preliminary.

Sources: Florida Agricultural Statistics and 1988 Agricultural Prices Annual Summary, NASS, USDA.

Table 65--Lemons: Utilization of production, by States, 1969/70 to date

| Crop years | California | | Arizona | | United States | |
|----------------------|------------|-----------|---------|-----------|---------------|-----------|
| | Fresh | Processed | Fresh | Processed | Fresh | Processed |
| --1,000 short tons-- | | | | | | |
| 1969/70 | 300 | 167 | 51 | 56 | 351 | 223 |
| 1970/71 | 319 | 186 | 49 | 71 | 368 | 257 |
| 1971/72 | 315 | 201 | 50 | 67 | 365 | 269 |
| 1972/73 | 346 | 323 | 71 | 104 | 417 | 427 |
| 1973/74 | 357 | 209 | 66 | 44 | 423 | 253 |
| 1974/75 | 365 | 479 | 73 | 201 | 438 | 679 |
| 1975/76 | 363 | 214 | 52 | 40 | 416 | 254 |
| 1976/77 | 418 | 380 | 79 | 111 | 497 | 491 |
| 1977/78 | 376 | 395 | 87 | 133 | 464 | 528 |
| 1978/79 | 348 | 187 | 106 | 103 | 455 | 290 |
| 1979/80 | 347 | 326 | 60 | 56 | 407 | 382 |
| 1980/81 | 348 | 576 | 85 | 181 | 433 | 757 |
| 1981/82 | 303 | 400 | 98 | 141 | 401 | 542 |
| 1982/83 | 352 | 420 | 90 | 101 | 442 | 521 |
| 1983/84 | 351 | 304 | 88 | 64 | 439 | 368 |
| 1984/85 | 355 | 397 | 91 | 137 | 446 | 534 |
| 1985/86 | 361 | 213 | 75 | 48 | 436 | 261 |
| 1986/87 | 380 | 437 | 89 | 181 | 469 | 618 |
| 1987/88 1/ | 384 | 262 | 75 | 64 | 459 | 326 |

1/ Preliminary.

Source: Citrus Fruit Summary, NASS, USDA.

Table 66--Fresh lemons: Supply and utilization, 1970 to date

| Season 1/ | Supply | | | Utilization | | | |
|--------------|------------|---------|--------------------|-------------|-----------|-------------|---------------|
| | Production | Imports | Total supply | Exports | Shipments | Consumption | |
| | | | | | | Total | Per capita |
| | | | | | | | Pounds |
| | | | --Million pounds-- | | | | |
| 1969/70 | 702.0 | 0.0 | 702.0 | 282.8 | 0.5 | 418.7 | 2.04 |
| 1970/71 | 736.0 | 0.0 | 736.0 | 270.2 | 0.6 | 465.2 | 2.24 |
| 1971/72 | 732.0 | 0.0 | 732.0 | 340.5 | 0.6 | 390.9 | 1.86 |
| 1972/73 | 834.0 | 0.1 | 834.1 | 424.5 | 0.8 | 408.8 | 1.93 |
| 1973/74 | 846.0 | 0.0 | 846.0 | 416.6 | 1.4 | 428.0 | 2.00 |
| 1974/75 | 876.0 | 0.0 | 876.0 | 454.4 | 0.3 | 421.3 | 1.95 |
| 1975/76 | 832.0 | 0.0 | 832.0 | 418.4 | 0.4 | 413.2 | 1.90 |
| 1976/77 | 994.0 | 0.4 | 994.4 | 531.3 | 1.4 | 461.7 | 2.10 |
| 1977/78 | 926.0 | 0.7 | 926.7 | 454.9 | 0.4 | 471.4 | 2.12 |
| 1978/79 | 910.0 | 0.3 | 910.3 | 465.1 | 1.4 | 443.8 | 1.97 |
| 1979/80 | 814.0 | 0.6 | 814.6 | 370.2 | 0.6 | 443.8 | 1.95 |
| 1980/81 | 866.0 | 0.1 | 866.1 | 393.6 | 0.3 | 472.2 | 2.05 |
| 1981/82 | 802.0 | 3.9 | 805.9 | 314.1 | 0.5 | 491.3 | 2.11 |
| 1982/83 | 884.0 | 8.7 | 892.7 | 323.2 | 0.7 | 568.8 | 2.42 |
| 1983/84 | 878.0 | 7.1 | 885.1 | 337.2 | 0.3 | 547.6 | 2.31 |
| 1984/85 | 892.0 | 10.5 | 902.5 | 328.6 | 1.0 | 572.9 | 2.39 |
| 1985/86 | 872.0 | 32.3 | 904.3 | 266.3 | 0.1 | 637.9 | 2.64 |
| 1986/87 | 938.0 | 21.5 | 959.5 | 332.7 | 0.0 | 626.8 | 2.57 |
| 1987/88 | 918.0 | 12.2 | 930.2 | 306.9 | 0.0 | 623.3 | 2.53 |

1/ Season beginning November 1.

Source: Commodity Economics Division, ERS, USDA.

Table 67--Limes: Acreage, yield per acre, production, utilization, season-average grower price, and value, Florida, 1969/70 to date

| Season 1/ | Bearing acreage | Yield per acre | Utilization of production | | | Grower price 3/ | Value |
|--------------|--------------------|-------------------|---------------------------|-------|-----------|-----------------------|------------------|
| | | | Total 2/ | Fresh | Processed | | |
| | 1,000 acres | Tons | -- 1,000 short tons -- | | | Dollars/ ton | 1,000 dollars |
| 1969/70 | 3.9 | 8.18 | 32 | 16 | 15 | 4.11 | 2,983 |
| 1970/71 | 4.3 | 9.00 | 39 | 17 | 21 | 3.10 | 2,725 |
| 1971/72 | 4.5 | 10.76 | 48 | 21 | 28 | 3.89 | 4,279 |
| 1972/73 | 4.5 | 10.76 | 48 | 23 | 26 | 4.25 | 4,670 |
| 1973/74 | 4.4 | 10.50 | 46 | 21 | 25 | 5.10 | 5,351 |
| 1974/75 | 4.4 | 11.00 | 48 | 22 | 27 | 5.35 | 5,889 |
| 1975/76 | 4.4 | 10.80 | 48 | 26 | 22 | 6.70 | 7,235 |
| 1976/77 | 4.5 | 9.78 | 44 | 23 | 21 | 8.60 | 8,596 |
| 1977/78 | 3.8 | 5.33 | 20 | 15 | 5 | 15.72 | 7,229 |
| 1978/79 | 4.1 | 7.73 | 32 | 21 | 11 | 12.44 | 8,948 |
| 1979/80 | 4.7 | 10.30 | 48 | 27 | 21 | 8.18 | 8,996 |
| 1980/81 | 5.3 | 9.96 | 53 | 31 | 22 | 6.58 | 7,891 |
| 1981/82 | 6.4 | 8.94 | 57 | 28 | 30 | 7.88 | 10,238 |
| 1982/83 | 7.3 | 10.25 | 75 | 43 | 32 | 8.39 | 14,262 |
| 1983/84 | 7.0 | 9.05 | 63 | 36 | 27 | 7.46 | 10,736 |
| 1984/85 | 6.7 | 10.77 | 72 | 45 | 27 | 7.27 | 11,927 |
| 1985/86 | 6.8 | 11.16 | 76 | 39 | 37 | 7.94 | 13,692 |
| 1986/87 | 6.7 | 9.40 | 63 | 37 | 26 | 8.57 | 12,424 |
| 1987/88 4/ | 7.0 | 8.17 | 57 | 38 | 19 | 12.69 | 16,493 |

1/ Season beginning April 1.

2/ Some figures may not add due to rounding.

3/ Equivalent on-tree price.

4/ Preliminary.

Sources: Florida Agricultural Statistics and Citrus Fruit Summary, NASS, USDA.

Table 68--Almonds (shelled basis): Acreage, yield per acre, production, season-average grower price, and value, California, 1970 to date

| Year | Bearing acreage | Yield/ acre | Production | Grower price | Value |
|---------|--------------------|----------------|-------------------|-----------------|------------------|
| | 1,000 acres | Pounds | Million pounds | Cents/ pound | 1,000 dollars |
| 1970 | 169.9 | 877 | 149 | 53.8 | 80,104 |
| 1971 | 187.8 | 863 | 162 | 53.8 | 87,100 |
| 1972 | 198.9 | 759 | 151 | 65.0 | 98,125 |
| 1973 | 213.6 | 726 | 155 | 128.8 | 199,660 |
| 1974 | 231.2 | 995 | 230 | 74.0 | 170,100 |
| 1975 | 248.8 | 748 | 186 | 63.7 | 118,400 |
| 1976 | 257.9 | 1,100 | 284 | 64.8 | 184,032 |
| 1977 | 276.5 | 1,130 | 313 | 84.5 | 264,485 |
| 1978 | 307.7 | 588 | 181 | 145.0 | 262,450 |
| 1979 | 324.1 | 1,160 | 376 | 153.0 | 575,280 |
| 1980 | 326.8 | 985 | 322 | 147.0 | 473,340 |
| 1981 | 326.2 | 1,250 | 408 | 78.0 | 299,520 |
| 1982 | 339.3 | 1,020 | 347 | 94.0 | 311,140 |
| 1983 | 356.2 | 679 | 242 | 104.0 | 231,920 |
| 1984 | 379.6 | 1,550 | 590 | 77.4 | 446,134 |
| 1985 | 409.2 | 1,140 | 465 | 80.0 | 360,640 |
| 1986 1/ | 415.6 | 602 | 250 | 192.0 | 461,568 |
| 1987 1/ | 417.0 | 1,580 | 660 | 100.0 | 648,000 |
| 1988 1/ | 407.0 | 1,450 | 590 | 105.0 | 600,075 |

1/ Price and value are based on the edible portion of the crop only. Included in production are inedible quantities of no value as follows; 1986-9.80 million pounds, 1987-12.0 and 1988-18.5.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 69--Almond: Supply and utilization (shelled basis), 1970 to date

| Season 1/ 2 | Marketable production | Imports | Beginning stocks 2/ 3 | Total supply | Less current year market reserve | Total salable reserve | Total salable supply | Salable carryover | Total delivered sales | Exports 3/ 4 | Consumption | | |
|-------------------|--------------------------|---------|-----------------------------|-----------------|--|-----------------------------|----------------------------|----------------------|-----------------------------|-----------------|---------------------------|---------------------------|---------------|
| | | | | | | | | | | | From salable supply | From market reserve | Per capita |
| --1,000 pounds-- | | | | | | | | | | | | | |
| 1970/71 | 141,880 | 280 | 25,500 | 167,660 | 0 | 167,660 | 30,200 | 137,460 | 68,260 | 69,200 | 0 | 0.34 | |
| 1971/72 | 153,970 | 300 | 30,200 | 184,470 | 0 | 184,470 | 18,700 | 165,770 | 90,030 | 75,740 | 0 | 0.36 | |
| 1972/73 | 142,040 | 280 | 18,700 | 161,020 | 0 | 161,020 | 16,000 | 145,020 | 69,240 | 75,780 | 0 | 0.36 | |
| 1973/74 | 169,430 | 120 | 16,000 | 185,550 | 0 | 185,550 | 30,100 | 155,450 | 77,450 | 55,000 | 0 | 0.26 | |
| 1974/75 | 172,630 | 130 | 30,100 | 202,760 | 0 | 202,760 | 87,600 | 160,160 | 103,940 | 56,220 | 0 | 0.26 | |
| 1975/76 | 170,180 | 150 | 87,600 | 257,930 | 0 | 257,930 | 59,000 | 198,930 | 123,450 | 75,380 | 0 | 0.35 | |
| 1976/77 | 258,070 | 130 | 59,000 | 317,200 | 0 | 317,200 | 74,200 | 243,020 | 150,590 | 92,430 | 0 | 0.42 | |
| 1977/78 | 284,800 | 130 | 74,200 | 359,130 | 0 | 359,130 | 94,200 | 264,930 | 131,000 | 88,030 | 0 | 0.35 | |
| 1978/79 | 162,430 | 530 | 94,200 | 257,160 | 0 | 257,160 | 37,760 | 219,400 | 121,600 | 93,330 | 0 | 0.27 | |
| 1979/80 | 348,510 | 70 | 37,760 | 386,500 | 0 | 386,500 | 78,950 | 307,550 | 184,650 | 95,570 | 0 | 0.42 | |
| 1980/81 | 303,140 | 70 | 78,950 | 384,160 | 0 | 384,160 | 101,660 | 282,500 | 177,890 | 115,930 | 0 | 0.50 | |
| 1981/82 | 383,130 | 70 | 101,660 | 484,830 | 0 | 484,830 | 161,010 | 323,820 | 207,890 | 130,795 | 4,780 | 0.58 | |
| 1982/83 | 330,760 | 570 | 161,010 | 492,340 | 4/ 6,615 | 485,725 | 176,950 | 308,775 | 171,780 | 129,046 | 2,735 | 0.56 | |
| 1983/84 | 321,790 | 180 | 176,950 | 398,920 | 4/ 6,654 | 392,266 | 90,620 | 301,646 | 266,760 | 152,548 | 9,842 | 0.60 | |
| 1984/85 | 563,640 | 240 | 90,620 | 654,500 | 4/ 28,182 | 626,318 | 227,010 | 399,308 | 352,190 | 150,600 | 13,815 | 0.68 | |
| 1985/86 | 444,000 | 460 | 227,010 | 671,470 | 4/ 44,400 | 627,070 | 144,280 | 482,790 | 352,190 | 174,010 | 0 | 0.53 | |
| 1986/87 | 235,690 | 692 | 144,280 | 380,662 | 0 | 380,662 | 79,017 | 301,645 | 174,010 | 127,635 | 0 | 0.58 | |
| 1987/88 | 634,600 | 1,494 | 79,017 | 715,111 | 114,220 | 600,891 | 5/ 116,071 | 484,820 | 343,300 | 141,520 | 0 | 0.58 | |

1/ July 1-June 30.

2/ Salable carryover plus unallocated market reserve from previous year.

3/ Excludes market reserve allocated to export in 1982-1985.

4/ Market reserve allocated to domestic consumption and export in current marketing year.

5/ Excludes unallocated market reserve.

Source: Almond Board of California.

Table 70--Filberts (hazelnuts)(in-shell): Bearing acreage and yield per acre, by States,
1970 to date

| Year | Oregon | | Washington | | United States | |
|---------|--------------------|----------------|--------------------|----------------|--------------------|----------------|
| | Bearing acreage | Yield/ acre | Bearing acreage | Yield/ acre | Bearing acreage | Yield/ acre |
| | Acres | Tons | Acres | Tons | Acres | Tons |
| 1970 | 15,800 | 0.55 | 500 | 1.02 | 16,300 | 0.57 |
| 1971 | 16,100 | 0.68 | 500 | 0.74 | 16,600 | 0.68 |
| 1972 | 16,500 | 0.58 | 500 | 1.10 | 17,000 | 0.60 |
| 1973 | 16,500 | 0.71 | 500 | 1.10 | 17,000 | 0.72 |
| 1974 | 16,400 | 0.39 | 500 | 0.60 | 16,900 | 0.40 |
| 1975 | 17,400 | 0.68 | 400 | 0.80 | 17,800 | 0.68 |
| 1976 | 17,500 | 0.40 | 400 | 0.55 | 17,900 | 0.40 |
| 1977 | 17,200 | 0.66 | 400 | 0.88 | 17,600 | 0.67 |
| 1978 | 17,200 | 0.80 | 400 | 0.88 | 17,600 | 0.80 |
| 1979 | 17,200 | 0.74 | 400 | 0.75 | 17,600 | 0.74 |
| 1980 | 21,600 | 0.70 | 400 | 0.75 | 22,000 | 0.70 |
| 1981 | 21,600 | 0.67 | 400 | 0.75 | 22,000 | 0.67 |
| 1982 | 21,600 | 0.85 | 400 | 1.00 | 22,000 | 0.85 |
| 1983 | 20,900 | 0.38 | 400 | 0.50 | 21,300 | 0.39 |
| 1984 | 21,600 | 0.61 | 400 | 0.50 | 22,000 | 0.61 |
| 1985 | 22,900 | 1.06 | 400 | 0.75 | 23,300 | 1.06 |
| 1986 | 24,500 | 0.61 | 400 | 0.50 | 24,900 | 0.61 |
| 1987 | 25,400 | 0.85 | 400 | 0.75 | 25,800 | 0.84 |
| 1988 1/ | 26,100 | 0.62 | 400 | 0.50 | 26,500 | 0.62 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 71--Filberts (hazelnuts) (in-shell): Production, season-average grower price, and value, by States, 1970 to date 1/

| Year | Oregon | | | | Washington | | | | Oregon and Washington | | | |
|---------|------------|-------------|--------|---------------|------------|-------------|-------|---------------|-----------------------|-------------|--------|---------------|
| | Production | Price | Value | 1,000 dollars | Production | Price | Value | 1,000 dollars | Production | Price | Value | 1,000 dollars |
| | | | | | | | | | | | | |
| | Tons | Dollars/ton | | | Tons | Dollars/ton | | | Tons | Dollars/ton | | |
| 1970 | 8,750 | 570 | 4,988 | 4,988 | 510 | 571 | 291 | 291 | 9,260 | 570 | 5,279 | 5,279 |
| 1971 | 11,000 | 414 | 4,554 | 4,554 | 370 | 416 | 154 | 154 | 11,370 | 414 | 4,708 | 4,708 |
| 1972 | 9,600 | 508 | 4,877 | 4,877 | 550 | 509 | 280 | 280 | 10,150 | 508 | 5,157 | 5,157 |
| 1973 | 11,700 | 570 | 6,669 | 6,669 | 550 | 635 | 349 | 349 | 12,250 | 573 | 7,018 | 7,018 |
| 1974 | 6,400 | 560 | 3,584 | 3,584 | 300 | 565 | 170 | 170 | 6,700 | 560 | 3,754 | 3,754 |
| 1975 | 11,800 | 610 | 7,198 | 7,198 | 320 | 595 | 190 | 190 | 121,200 | 610 | 7,388 | 7,388 |
| 1976 | 6,950 | 640 | 4,448 | 4,448 | 220 | 635 | 140 | 140 | 7,170 | 640 | 4,588 | 4,588 |
| 1977 | 11,400 | 687 | 7,832 | 7,832 | 350 | 674 | 236 | 236 | 11,750 | 687 | 8,088 | 8,088 |
| 1978 | 13,700 | 805 | 11,029 | 11,029 | 350 | 835 | 292 | 292 | 14,050 | 806 | 11,321 | 11,321 |
| 1979 | 12,700 | 951 | 12,078 | 12,078 | 300 | 970 | 291 | 291 | 13,000 | 951 | 12,369 | 12,369 |
| 1980 | 15,100 | 1,151 | 17,386 | 17,386 | 300 | 1,181 | 354 | 354 | 15,400 | 1,152 | 17,740 | 17,740 |
| 1981 | 14,400 | 1,786 | 11,319 | 11,319 | 300 | 1,770 | 231 | 231 | 14,700 | 1,786 | 11,550 | 11,550 |
| 1982 | 18,400 | 680 | 12,512 | 12,512 | 400 | 677 | 271 | 271 | 18,800 | 680 | 12,783 | 12,783 |
| 1983 | 8,000 | 554 | 4,432 | 4,432 | 200 | 720 | 144 | 144 | 8,200 | 558 | 4,576 | 4,576 |
| 1984 | 13,200 | 617 | 8,144 | 8,144 | 200 | 875 | 175 | 175 | 13,400 | 621 | 8,319 | 8,319 |
| 1985 | 24,300 | 677 | 16,451 | 16,451 | 300 | 957 | 287 | 287 | 24,600 | 680 | 16,738 | 16,738 |
| 1986 | 14,900 | 724 | 10,788 | 10,788 | 200 | 895 | 179 | 179 | 15,100 | 726 | 10,967 | 10,967 |
| 1987 | 21,300 | 956 | 20,554 | 20,554 | 300 | 1,160 | 348 | 348 | 21,800 | 959 | 20,902 | 20,902 |
| 1988 2/ | 16,300 | 853 | 13,904 | 13,904 | 200 | 1,891 | 178 | 178 | 16,500 | 853 | 14,082 | 14,082 |

1/ Production is the quantity sold or utilized. Excludes unharvested production for Oregon, 500 tons in 1974.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 72--Filberts (hazelnuts): Supply and utilization (shelled basis), 1970 to date

| Season 1/ | Marketable production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Consumption | | |
|------------------|--------------------------|---------|---------------------|-----------------|------------------|--------------|-------------|--------|---------------|
| | | | | | | | Exports | Total | Per capita |
| | | | | | | | | | |
| --1,000 pounds-- | | | | | | | | | Pounds |
| 1970/71 | 6,758 | 6,111 | 351 | 13,220 | 1,591 | 11,629 | 615 | 11,014 | 0.05 |
| 1971/72 | 8,300 | 4,491 | 1,591 | 14,382 | 410 | 13,972 | 566 | 13,406 | 0.06 |
| 1972/73 | 8,303 | 7,211 | 410 | 15,924 | 684 | 15,240 | 655 | 14,585 | 0.07 |
| 1973/74 | 9,678 | 13,813 | 684 | 24,175 | 1,529 | 22,646 | 547 | 22,099 | 0.10 |
| 1974/75 | 4,556 | 4,013 | 1,529 | 10,098 | 107 | 9,991 | 549 | 9,442 | 0.04 |
| 1975/76 | 9,284 | 9,590 | 107 | 18,981 | 775 | 18,206 | 720 | 17,486 | 0.08 |
| 1976/77 | 5,621 | 10,941 | 775 | 17,337 | 566 | 16,771 | 1,144 | 15,627 | 0.07 |
| 1977/78 | 9,142 | 7,743 | 566 | 17,451 | 866 | 16,585 | 1,717 | 14,868 | 0.07 |
| 1978/79 | 10,790 | 10,329 | 866 | 21,985 | 1,344 | 20,641 | 2,874 | 17,767 | 0.08 |
| 1979/80 | 10,348 | 4,513 | 1,344 | 16,205 | 1,046 | 15,159 | 6,651 | 8,508 | 0.04 |
| 1980/81 | 12,320 | 4,001 | 1,046 | 17,367 | 1,124 | 16,243 | 4,729 | 11,514 | 0.05 |
| 1981/82 | 11,848 | 3,953 | 1,124 | 16,925 | 965 | 15,960 | 3,949 | 12,011 | 0.05 |
| 1982/83 | 15,190 | 6,778 | 965 | 22,933 | 3,046 | 19,887 | 3,441 | 16,446 | 0.07 |
| 1983/84 | 5,756 | 7,156 | 3,046 | 15,958 | 678 | 15,280 | 3,048 | 12,232 | 0.05 |
| 1984/85 | 9,568 | 9,011 | 678 | 19,257 | 552 | 18,705 | 2,657 | 16,048 | 0.07 |
| 1985/86 | 19,434 | 4,195 | 552 | 24,181 | 1,273 | 22,908 | 6,666 | 16,242 | 0.07 |
| 1986/87 | 11,627 | 3,721 | 1,273 | 16,621 | 404 | 16,217 | 6,965 | 9,252 | 0.04 |
| 1987/88 | 18,007 | 3,863 | 404 | 22,274 | 947 | 21,327 | 6,810 | 14,517 | 0.06 |

1/ Season beginning August 1.

Source: Commodity Economics Division, ERS, USDA.

Table 73--Walnuts (English), (in-shell): Production, season-average grower price, and value, California, 1970 to date

| Year | Bearing acres | Yield/ acre | Production | Grower price | Value |
|---------|------------------|----------------|------------|-----------------|------------------|
| | Acres | --Tons-- | | Dollars/ ton | 1,000 dollars |
| 1970 | 146,500 | 0.74 | 108,000 | 407 | 43,956 |
| 1971 | 150,400 | 0.90 | 135,000 | 420 | 56,700 |
| 1972 | 157,600 | 0.74 | 116,000 | 564 | 65,424 |
| 1973 | 158,200 | 1.10 | 174,000 | 605 | 105,270 |
| 1974 | 163,200 | 0.95 | 155,000 | 419 | 64,945 |
| 1975 | 165,800 | 1.19 | 198,000 | 456 | 90,288 |
| 1976 | 169,800 | 1.08 | 183,000 | 627 | 114,741 |
| 1977 | 176,300 | 1.09 | 192,000 | 725 | 139,200 |
| 1978 | 181,400 | 0.88 | 160,000 | 1,302 | 208,320 |
| 1979 | 179,200 | 1.16 | 208,000 | 847 | 176,176 |
| 1980 | 179,900 | 1.10 | 197,000 | 936 | 184,392 |
| 1981 | 175,100 | 1.29 | 225,000 | 1,014 | 228,150 |
| 1982 | 178,000 | 1.31 | 234,000 | 1,020 | 238,680 |
| 1983 | 176,800 | 1.13 | 199,000 | 631 | 125,569 |
| 1984 | 178,200 | 1.20 | 213,000 | 730 | 155,490 |
| 1985 | 178,600 | 1.23 | 219,000 | 798 | 174,762 |
| 1986 | 179,800 | 1.00 | 180,000 | 1,080 | 194,400 |
| 1987 | 176,000 | 1.40 | 247,000 | 984 | 243,048 |
| 1988 1/ | 174,000 | 1.18 | 206,000 | 927 | 190,962 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 74--Walnuts: Supply and utilization (shelled basis), 1970 to date

| Season 1/ | Marketable production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Consumption | | |
|------------------|--------------------------|---------|---------------------|-----------------|------------------|--------------|-------------|---------|---------------|
| | | | | | | | Exports | Total | Per capita |
| | | | | | | | | | |
| --1,000 pounds-- | | | | | | | | | |
| 1970/71 | 81,369 | 529 | 25,815 | 107,713 | 26,429 | 81,284 | 6,866 | 74,418 | 0.36 |
| 1971/72 | 99,374 | 457 | 26,429 | 126,260 | 27,995 | 98,265 | 12,710 | 85,555 | 0.41 |
| 1972/73 | 84,074 | 1,402 | 27,995 | 113,471 | 18,261 | 95,210 | 13,197 | 82,013 | 0.39 |
| 1973/74 | 130,895 | 268 | 18,261 | 149,424 | 46,726 | 102,698 | 17,315 | 85,383 | 0.40 |
| 1974/75 | 105,851 | 40 | 46,726 | 152,617 | 41,027 | 111,590 | 20,885 | 90,705 | 0.42 |
| 1975/76 | 139,455 | 152 | 41,027 | 180,634 | 34,353 | 146,281 | 35,086 | 111,195 | 0.51 |
| 1976/77 | 137,379 | 68 | 34,353 | 171,800 | 22,329 | 149,471 | 36,274 | 113,197 | 0.52 |
| 1977/78 | 154,036 | 147 | 22,329 | 176,512 | 21,058 | 155,454 | 38,206 | 117,248 | 0.53 |
| 1978/79 | 114,941 | 1,065 | 21,058 | 137,064 | 24,046 | 113,018 | 25,918 | 87,100 | 0.39 |
| 1979/80 | 162,260 | 320 | 24,046 | 186,626 | 40,521 | 146,105 | 40,233 | 105,872 | 0.47 |
| 1980/81 | 148,550 | 9 | 40,521 | 189,080 | 30,327 | 158,753 | 42,912 | 115,841 | 0.51 |
| 1981/82 | 175,520 | 9 | 30,327 | 205,856 | 37,925 | 167,931 | 50,885 | 117,046 | 0.51 |
| 1982/83 | 182,996 | 299 | 37,925 | 221,220 | 71,304 | 149,916 | 39,021 | 110,895 | 0.47 |
| 1983/84 | 165,220 | 77 | 71,304 | 236,601 | 57,045 | 179,556 | 41,034 | 138,522 | 0.59 |
| 1984/85 | 144,840 | 315 | 57,045 | 202,200 | 42,556 | 159,644 | 36,558 | 123,086 | 0.52 |
| 1985/86 | 149,880 | 128 | 42,556 | 192,564 | 51,999 | 140,565 | 38,421 | 102,144 | 0.42 |
| 1986/87 | 128,960 | 2,655 | 51,999 | 183,614 | 28,316 | 155,298 | 45,959 | 109,339 | 0.45 |
| 1987/88 | 209,459 | 470 | 28,316 | 238,245 | 60,049 | 178,196 | 60,156 | 118,040 | 0.48 |

1/ Season beginning August 1.

Source: Commodity Economics Division, ERS, USDA.

Table 75--Macadamia nuts (in-shell): Acreage, yield per acre, production, season-average grower price, and value, Hawaii, 1970 to date

| Year | Bearing acreage | Yield/ acre | Production | Grower price | Value |
|---------|--------------------|----------------|-----------------|-----------------|------------------|
| | Acres | Pounds | 1,000 pounds | Cents/ pound | 1,000 dollars |
| 1970 | 4,100 | 3,223 | 13,216 | 21.7 | 2,868 |
| 1971 | 4,900 | 2,949 | 14,448 | 24.7 | 3,569 |
| 1972 | 5,000 | 2,622 | 13,110 | 23.3 | 3,055 |
| 1973 | 5,100 | 2,377 | 12,124 | 25.5 | 3,092 |
| 1974 | 5,800 | 2,822 | 16,370 | 32.0 | 5,238 |
| 1975 | 6,100 | 2,999 | 18,210 | 31.6 | 5,754 |
| 1976 | 6,300 | 3,014 | 18,990 | 36.9 | 7,007 |
| 1977 | 6,300 | 3,124 | 19,680 | 40.8 | 8,029 |
| 1978 | 9,200 | 2,280 | 20,980 | 53.8 | 11,287 |
| 1979 | 9,600 | 2,777 | 26,660 | 62.9 | 16,769 |
| 1980 | 10,000 | 3,339 | 33,390 | 72.4 | 24,174 |
| 1981 | 10,000 | 3,346 | 33,360 | 79.3 | 26,454 |
| 1982 | 10,200 | 3,600 | 36,720 | 73.9 | 27,136 |
| 1983 | 10,600 | 3,436 | 36,420 | 65.7 | 23,928 |
| 1984 | 12,000 | 3,142 | 37,700 | 69.2 | 26,088 |
| 1985 | 13,500 | 3,111 | 42,000 | 72.5 | 30,450 |
| 1986 | 14,400 | 3,060 | 44,000 | 80.0 | 35,200 |
| 1987 | 15,600 | 2,740 | 42,700 | 84.0 | 35,868 |
| 1988 1/ | 16,600 | 2,740 | 45,500 | 90.0 | 40,950 |

1/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 76--Pistachios 1/ (in-shell): Production, season-average grower price, and value, California, 1977 to date

| Year | Bearing acreage | Yield/ acre | Production | Grower price | Value |
|---------|--------------------|----------------|--------------|-----------------|---------------|
| | Acres | Pounds | 1,000 pounds | Cents/pound | 1,000 dollars |
| 1977 | 1,700 | 2,647 | 4,500 | 104.0 | 4,680 |
| 1978 | 3,500 | 714 | 2,500 | 124.0 | 3,100 |
| 1979 | 25,400 | 677 | 17,200 | 160.0 | 27,520 |
| 1980 | 27,000 | 996 | 26,900 | 205.0 | 55,145 |
| 1981 | 28,100 | 516 | 14,500 | 136.0 | 19,759 |
| 1982 | 29,900 | 1,452 | 43,400 | 145.0 | 63,068 |
| 1983 | 31,100 | 849 | 26,400 | 142.0 | 37,488 |
| 1984 | 31,100 | 2,029 | 63,100 | 98.0 | 61,838 |
| 1985 | 32,300 | 839 | 27,100 | 135.0 | 36,471 |
| 1986 | 34,200 | 2,190 | 74,900 | 106.0 | 79,394 |
| 1987 | 41,000 | 807 | 33,100 | 143.0 | 47,333 |
| 1988 2/ | 44,100 | 2,130 | 94,000 | 111.0 | 104,340 |

1/ Estimated beginning 1977.

2/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 77--Pistachios: Supply and utilization (shelled basis), 1977 to date

| Season 1/ | Marketable production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Consumption | | |
|--------------|--------------------------|---------|---------------------|------------------|------------------|--------------|-------------|--------|---------------|
| | | | | | | | Exports | Total | Per capita |
| | | | | | | | | | Pounds |
| | | | | --1,000 pounds-- | | | | | |
| 1977/78 | 1,520 | 9,528 | 0 | 11,048 | 2,080 | 8,968 | 320 | 8,648 | 0.04 |
| 1978/79 | 1,840 | 6,863 | 2,080 | 9,783 | 1,080 | 8,703 | 160 | 8,543 | 0.04 |
| 1979/80 | 5,240 | 9,219 | 1,080 | 15,539 | 5,000 | 10,539 | 1,400 | 9,139 | 0.04 |
| 1980/81 | 16,372 | 1,175 | 5,000 | 22,547 | 3,405 | 19,142 | 1,840 | 17,302 | 0.08 |
| 1981/82 | 7,788 | 1,817 | 3,405 | 13,010 | 577 | 12,433 | 3,406 | 9,027 | 0.04 |
| 1982/83 | 21,163 | 2,819 | 577 | 24,559 | 4,805 | 19,754 | 1,831 | 17,923 | 0.08 |
| 1983/84 | 14,346 | 6,683 | 4,805 | 25,834 | 3,086 | 22,748 | 2,767 | 19,981 | 0.08 |
| 1984/85 | 37,641 | 7,284 | 3,086 | 48,011 | 5,710 | 42,301 | 1,654 | 40,647 | 0.17 |
| 1985/86 | 22,477 | 14,875 | 5,710 | 43,062 | 4,668 | 38,394 | 2,172 | 36,222 | 0.15 |
| 1986/87 | 43,389 | 5,357 | 4,668 | 53,414 | 10,589 | 42,825 | 3,457 | 39,368 | 0.16 |
| 1987/88 | 16,831 | 2,166 | 10,589 | 29,586 | 2,589 | 26,997 | 4,858 | 22,139 | 0.09 |

1/ Season beginning September 1.

Source: Commodity Economics Division, ERS, USDA.

Table 78--Pecans (in-shell): Production, season-average grower price, and value, United States, 1970 to date

| Year | Improved varieties 1/ 2/ | | | | Native and seedling | | | | All pecans 2/ | | | |
|---------|-------------------------------|--------------------------|---------------------------|-------------------------------|--------------------------|---------------------------|-------------------------------|--------------------------|---------------------------|-------------------------------|--------------------------|---------------------------|
| | Production 1,000 pounds | Price Cents/ pound | Value 1,000 dollars | Production 1,000 pounds | Price Cents/ pound | Value 1,000 dollars | Production 1,000 pounds | Price Cents/ pound | Value 1,000 dollars | Production 1,000 pounds | Price Cents/ pound | Value 1,000 dollars |
| 1970 | 81,700 | 42.1 | 34,403 | 73,380 | 35.6 | 26,125 | 155,100 | 39.0 | 60,528 | 155,100 | 39.0 | 60,528 |
| 1971 | 142,300 | 35.4 | 50,369 | 103,900 | 29.8 | 30,917 | 246,200 | 33.0 | 81,286 | 246,200 | 33.0 | 81,286 |
| 1972 | 88,990 | 46.1 | 41,028 | 94,110 | 38.9 | 36,608 | 183,100 | 42.4 | 77,636 | 183,100 | 42.4 | 77,636 |
| 1973 | 145,200 | 42.6 | 61,793 | 130,500 | 30.3 | 39,494 | 275,700 | 36.7 | 101,287 | 275,700 | 36.7 | 101,287 |
| 1974 | 86,800 | 52.5 | 45,542 | 50,300 | 38.2 | 19,199 | 137,100 | 47.2 | 64,741 | 137,100 | 47.2 | 64,741 |
| 1975 | 110,100 | 46.5 | 51,164 | 136,700 | 34.4 | 47,036 | 246,800 | 39.8 | 98,200 | 246,800 | 39.8 | 98,200 |
| 1976 | 77,300 | 87.5 | 67,603 | 25,800 | 63.5 | 16,380 | 103,100 | 81.5 | 83,983 | 103,100 | 81.5 | 83,983 |
| 1977 | 137,900 | 66.0 | 91,015 | 98,700 | 46.0 | 45,444 | 236,600 | 57.7 | 136,459 | 236,600 | 57.7 | 136,459 |
| 1978 | 164,500 | 64.5 | 106,170 | 85,400 | 52.8 | 45,080 | 249,900 | 60.5 | 151,250 | 249,900 | 60.5 | 151,250 |
| 1979 | 101,100 | 70.0 | 70,742 | 109,500 | 41.9 | 45,921 | 210,600 | 55.4 | 116,663 | 210,600 | 55.4 | 116,663 |
| 1980 | 128,500 | 84.8 | 109,015 | 55,000 | 62.3 | 34,254 | 183,500 | 78.1 | 143,269 | 183,500 | 78.1 | 143,269 |
| 1981 | 174,550 | 64.7 | 112,987 | 164,550 | 43.7 | 71,855 | 339,100 | 54.5 | 184,842 | 339,100 | 54.5 | 184,842 |
| 1982 | 169,000 | 72.6 | 122,776 | 49,600 | 49.8 | 24,715 | 218,600 | 67.5 | 147,491 | 218,600 | 67.5 | 147,491 |
| 1983 | 167,250 | 67.7 | 113,199 | 102,750 | 44.0 | 45,190 | 270,000 | 58.7 | 158,389 | 270,000 | 58.7 | 158,389 |
| 1984 | 169,230 | 68.2 | 115,406 | 63,170 | 46.6 | 29,424 | 232,400 | 62.3 | 144,830 | 232,400 | 62.3 | 144,830 |
| 1985 | 132,500 | 79.1 | 120,582 | 91,900 | 49.7 | 45,706 | 244,400 | 68.0 | 166,288 | 244,400 | 68.0 | 166,288 |
| 1986 | 132,650 | 79.3 | 144,765 | 90,050 | 57.6 | 51,884 | 272,700 | 72.1 | 196,649 | 272,700 | 72.1 | 196,649 |
| 1987 | 179,650 | 60.1 | 107,953 | 82,550 | 37.7 | 31,156 | 262,200 | 53.1 | 139,109 | 262,200 | 53.1 | 139,109 |
| 1988 3/ | 185,300 | 62.6 | 116,070 | 122,700 | 41.1 | 50,448 | 308,000 | 54.1 | 166,518 | 308,000 | 54.1 | 166,518 |

1/ Budded, grafted, or topworked varieties.

2/ California included in 1988.

3/ Preliminary.

Source: Noncitrus Fruit and Nuts Midyear Supplement, NASS, USDA.

Table 79--Pecans: Supply and utilization (shelled basis), 1970 to date

| Season 1/ | Consumption | | | | | | | | |
|------------------|-------------|---------|---------------------|-----------------|------------------|--------------|---------|---------|---------------|
| | Production | Imports | Beginning stocks | Total supply | Ending stocks | Total use | Exports | Total | Per capita |
| | | | | | | | | | Pounds |
| --1,000 pounds-- | | | | | | | | | |
| 1970/71 | 68,744 | 1,190 | 33,200 | 103,134 | 17,431 | 85,703 | 2,432 | 83,271 | 0.40 |
| 1971/72 | 110,632 | 682 | 17,431 | 128,745 | 34,031 | 94,714 | 2,064 | 92,650 | 0.44 |
| 1972/73 | 80,257 | 42 | 34,031 | 114,330 | 20,911 | 93,419 | 2,301 | 91,118 | 0.43 |
| 1973/74 | 122,190 | 199 | 20,911 | 143,300 | 49,360 | 93,940 | 2,652 | 91,288 | 0.43 |
| 1974/75 | 62,514 | 6 | 49,360 | 111,880 | 24,149 | 87,731 | 3,252 | 84,479 | 0.39 |
| 1975/76 | 106,996 | 1 | 24,149 | 131,146 | 42,646 | 88,500 | 3,659 | 84,841 | 0.39 |
| 1976/77 | 48,454 | 2,121 | 42,646 | 93,221 | 17,387 | 75,834 | 2,628 | 73,206 | 0.33 |
| 1977/78 | 106,456 | 553 | 17,387 | 124,396 | 38,199 | 86,197 | 4,065 | 82,132 | 0.37 |
| 1978/79 | 114,702 | 796 | 38,199 | 153,697 | 63,192 | 90,505 | 3,411 | 87,094 | 0.39 |
| 1979/80 | 92,160 | 331 | 63,192 | 155,683 | 47,245 | 108,438 | 3,260 | 105,178 | 0.46 |
| 1980/81 | 85,150 | 952 | 47,245 | 133,347 | 30,852 | 102,495 | 4,665 | 97,830 | 0.43 |
| 1981/82 | 149,804 | 849 | 30,852 | 181,505 | 73,406 | 108,099 | 4,194 | 103,905 | 0.45 |
| 1982/83 | 102,848 | 1,625 | 73,406 | 177,879 | 57,289 | 120,590 | 7,298 | 113,292 | 0.48 |
| 1983/84 | 122,670 | 5,789 | 57,289 | 185,748 | 69,715 | 116,033 | 3,376 | 112,657 | 0.48 |
| 1984/85 | 108,620 | 1,934 | 69,715 | 180,269 | 50,370 | 129,899 | 2,720 | 127,179 | 0.53 |
| 1985/86 | 110,868 | 14,298 | 50,370 | 175,536 | 59,952 | 115,584 | 2,264 | 113,320 | 0.47 |
| 1986/87 | 125,544 | 10,918 | 59,952 | 196,414 | 63,423 | 132,991 | 2,755 | 130,236 | 0.54 |
| 1987/88 | 121,194 | 12,966 | 63,423 | 197,583 | 62,520 | 135,063 | 4,021 | 131,042 | 0.53 |

1/ Season beginning July 1.

Source: Commodity Economics Division, ERS, USDA.

Table 80--Fresh noncitrus fruits: Exports,
United States, 1970 to date

| Calendar year | Apples | Grapes | Pears |
|------------------|---------|---------|--------|
| --Metric tons-- | | | |
| 1970 | 49,403 | 105,581 | 19,645 |
| 1971 | 50,439 | 127,649 | 23,510 |
| 1972 | 57,889 | 98,819 | 26,629 |
| 1973 | 81,135 | 101,750 | 36,994 |
| 1974 | 85,398 | 105,810 | 32,629 |
| 1975 | 109,825 | 110,463 | 32,357 |
| 1976 | 115,737 | 104,513 | 32,892 |
| 1977 | 143,412 | 103,002 | 35,090 |
| 1978 | 144,143 | 98,567 | 35,791 |
| 1979 | 210,161 | 114,180 | 39,317 |
| 1980 | 250,992 | 117,881 | 44,021 |
| 1981 | 302,229 | 111,835 | 53,323 |
| 1982 | 257,057 | 111,682 | 41,872 |
| 1983 | 256,650 | 110,822 | 30,694 |
| 1984 | 206,439 | 110,856 | 31,360 |
| 1985 | 176,868 | 91,446 | 27,226 |
| 1986 | 180,972 | 108,659 | 37,024 |
| 1987 | 209,309 | 107,683 | 37,628 |
| 1988 | 289,602 | 133,225 | 50,081 |

Source: Bureau of Census, Department of Commerce.

Table 81--Fresh noncitrus fruits: Imports, United States, 1970 to date

| Calendar year | Apples | Bananas | Grapes | Pineapples |
|------------------|---------|-----------|---------|------------|
| --Metric tons-- | | | | |
| 1970 | 33,977 | 1,805,114 | 15,933 | 34,246 |
| 1971 | 43,482 | 1,878,829 | 12,631 | 34,110 |
| 1972 | 44,082 | 1,891,864 | 11,754 | 39,100 |
| 1973 | 42,365 | 1,904,710 | 9,512 | 35,607 |
| 1974 | 36,101 | 1,986,227 | 15,130 | 36,877 |
| 1975 | 38,993 | 1,910,428 | 15,799 | 48,398 |
| 1976 | 52,709 | 2,102,943 | 21,864 | 54,885 |
| 1977 | 49,437 | 2,116,787 | 29,802 | 65,317 |
| 1978 | 60,007 | 2,237,618 | 31,425 | 66,587 |
| 1979 | 74,889 | 2,337,807 | 41,522 | 70,035 |
| 1980 | 71,154 | 2,352,509 | 44,499 | 68,538 |
| 1981 | 67,908 | 2,458,345 | 57,601 | 62,823 |
| 1982 | 71,870 | 2,583,590 | 95,129 | 65,499 |
| 1983 | 98,198 | 2,444,714 | 127,544 | 77,292 |
| 1984 | 103,630 | 2,577,206 | 146,314 | 60,970 |
| 1985 | 124,106 | 2,968,752 | 195,838 | 53,964 |
| 1986 | 131,745 | 2,978,395 | 207,097 | 77,231 |
| 1987 | 133,421 | 2,940,544 | 249,158 | 67,268 |
| 1988 | 122,498 | 2,873,912 | 309,260 | 81,738 |

Source: Bureau of Census, Department of Commerce.

Table 82--Fresh citrus fruits: Domestic exports,
United States, 1969/70 to date

| Season 1/ | Oranges | Grapefruit | Lemons |
|-----------------|---------|------------|---------|
| --Metric tons-- | | | |
| 1969/70 | 258,211 | 104,439 | 123,621 |
| 1970/71 | 236,806 | 95,078 | 131,906 |
| 1971/72 | 291,560 | 177,505 | 155,808 |
| 1972/73 | 272,146 | 192,146 | 192,540 |
| 1973/74 | 312,100 | 235,029 | 188,953 |
| 1974/75 | 478,889 | 227,689 | 206,110 |
| 1975/76 | 440,153 | 284,877 | 189,792 |
| 1976/77 | 397,771 | 274,377 | 240,997 |
| 1977/78 | 334,973 | 265,162 | 206,337 |
| 1978/79 | 300,297 | 278,439 | 210,951 |
| 1979/80 | 459,404 | 271,436 | 167,918 |
| 1980/81 | 417,882 | 295,130 | 178,559 |
| 1981/82 | 354,066 | 260,513 | 142,489 |
| 1982/83 | 461,073 | 308,396 | 146,598 |
| 1983/84 | 367,628 | 262,023 | 152,961 |
| 1984/85 | 407,466 | 198,843 | 149,053 |
| 1985/86 | 394,162 | 269,592 | 130,090 |
| 1986/87 | 396,542 | 347,316 | 150,926 |
| 1987/88 | 334,770 | 461,976 | 139,205 |

1/ Year beginning November for oranges, September for grapefruit,
and August for lemons.

Source: Foreign Agricultural Service, USDA.

Table 83--Frozen concentrated orange juice: Imports
United States, 1969/70 to date

| Season 1/ | Brazil | Others | United States |
|----------------------|---------|--------|---------------|
| --1,000 gallons-- 2/ | | | |
| 1969/70 | 1,308 | 153 | 1,461 |
| 1970/71 | 15,413 | 3,930 | 19,343 |
| 1971/72 | 29,210 | 8,865 | 38,075 |
| 1972/73 | 12,924 | 7,300 | 20,224 |
| 1973/74 | 12,699 | 5,549 | 18,248 |
| 1974/75 | 28,214 | 4,832 | 33,046 |
| 1975/76 | 29,755 | 1,647 | 31,402 |
| 1976/77 | 33,749 | 14,177 | 47,926 |
| 1977/78 | 139,451 | 11,290 | 150,741 |
| 1978/79 | 152,310 | 7,708 | 160,018 |
| 1979/80 | 97,676 | 2,338 | 100,014 |
| 1980/81 | 203,104 | 11,127 | 214,231 |
| 1981/82 | 373,988 | 22,084 | 396,072 |
| 1982/83 | 337,164 | 27,605 | 364,769 |
| 1983/84 | 510,094 | 23,476 | 533,570 |
| 1984/85 | 578,177 | 18,456 | 596,633 |
| 1985/86 | 500,467 | 45,657 | 546,124 |
| 1986/87 | 500,193 | 50,608 | 550,801 |
| 1987/88 | 351,017 | 56,697 | 407,714 |

1/ Season beginning December 1.

2/ Single-strength.

Source: Foreign Agricultural Service, USDA.

Table 84--Tree nuts: Exports, United States, 1970 to date

| Calendar year | Almonds | | Walnuts | | Pecans | | Filberts | |
|-----------------|---------|----------|---------|----------|---------|----------|----------|----------|
| | Shelled | In-shell | Shelled | In-shell | Shelled | In-shell | Shelled | In-shell |
| --Metric tons-- | | | | | | | | |
| 1970 | 27,199 | 1,604 | 1,679 | 5,042 | 658 | 581 | 124 | 405 |
| 1971 | 32,236 | 963 | 1,510 | 9,595 | 659 | 249 | 117 | 192 |
| 1972 | 30,860 | 2,188 | 2,388 | 14,103 | 876 | 481 | 123 | 315 |
| 1973 | 24,044 | 1,458 | 1,569 | 16,708 | 772 | 335 | 167 | 423 |
| 1974 | 36,077 | 3,065 | 2,494 | 19,951 | 1,105 | 763 | 97 | 763 |
| 1975 | 42,628 | 2,352 | 2,788 | 35,545 | 1,368 | 482 | 114 | 595 |
| 1976 | 55,030 | 720 | 4,775 | 39,446 | 1,193 | 546 | 245 | 821 |
| 1977 | 60,530 | 1,110 | 5,041 | 31,744 | 1,011 | 462 | 226 | 1,353 |
| 1978 | 59,883 | 1,398 | 3,760 | 27,259 | 1,166 | 1,454 | 663 | 1,365 |
| 1979 | 53,892 | 1,441 | 2,980 | 29,554 | 1,063 | 728 | 1,255 | 2,675 |
| 1980 | 80,976 | 1,602 | 4,916 | 44,936 | 1,413 | 872 | 1,195 | 3,808 |
| 1981 | 70,334 | 2,756 | 4,331 | 48,105 | 1,560 | 1,200 | 869 | 2,042 |
| 1982 | 67,259 | 4,974 | 4,002 | 37,595 | 1,237 | 4,161 | 750 | 1,412 |
| 1983 | 57,457 | 2,959 | 4,342 | 27,073 | 1,026 | 1,689 | 1,104 | 1,663 |
| 1984 | 79,126 | 2,669 | 6,190 | 39,531 | 730 | 1,198 | 663 | 1,322 |
| 1985 | 129,437 | 6,063 | 7,423 | 44,048 | 593 | 809 | 1,036 | 1,420 |
| 1986 | 102,185 | 3,640 | 8,538 | 45,155 | 761 | 708 | 3,124 | 3,778 |
| 1987 | 92,844 | 4,770 | 7,375 | 55,854 | 1,058 | 777 | 1,461 | 3,935 |
| 1988 | 141,266 | 12,427 | 9,344 | 48,024 | 1,639 | 1,564 | 1,276 | 2,220 |

Source: Bureau of Census, Department of Commerce.

Table 85--Fruit, per capita consumption: Fresh-weight equivalent, 1970 to date 1/

| Year | Citrus | | | | | Noncitrus | | | | | All fruit 2/ | |
|------------|--------|--------------|---------------|--------------|----------|-----------|--------|--------------|--------------|-------|--------------|----------|
| | Fresh | Canned juice | Chilled juice | Frozen juice | Total 2/ | Fresh | Canned | Canned juice | Frozen fruit | Dried | | Total 2/ |
| --Pounds-- | | | | | | | | | | | | |
| 1970 | 28.78 | 10.50 | 9.36 | 40.95 | 89.59 | 50.60 | 13.63 | 3.53 | 3.67 | 9.69 | 81.12 | 170.71 |
| 1971 | 29.13 | 10.78 | 9.54 | 47.46 | 96.91 | 51.33 | 13.68 | 3.68 | 4.05 | 9.61 | 82.35 | 179.26 |
| 1972 | 27.45 | 10.37 | 10.39 | 54.48 | 102.70 | 47.52 | 13.19 | 2.63 | 3.99 | 7.22 | 74.55 | 177.24 |
| 1973 | 27.43 | 11.17 | 10.45 | 53.40 | 102.45 | 50.43 | 13.11 | 3.05 | 3.86 | 9.12 | 79.57 | 182.02 |
| 1974 | 27.40 | 10.74 | 10.37 | 57.89 | 106.40 | 51.64 | 12.75 | 2.87 | 3.04 | 8.63 | 78.92 | 185.32 |
| 1975 | 29.38 | 10.58 | 11.31 | 67.43 | 118.70 | 55.56 | 12.86 | 3.26 | 3.51 | 10.53 | 85.71 | 204.41 |
| 1976 | 29.04 | 10.35 | 12.24 | 65.48 | 117.11 | 54.81 | 12.85 | 3.47 | 3.38 | 9.31 | 83.81 | 200.92 |
| 1977 | 26.27 | 9.91 | 11.39 | 67.50 | 115.06 | 55.10 | 12.94 | 3.00 | 3.51 | 9.01 | 83.55 | 198.61 |
| 1978 | 26.56 | 11.10 | 12.16 | 57.64 | 107.46 | 57.19 | 12.00 | 3.90 | 3.61 | 7.37 | 84.07 | 191.53 |
| 1979 | 24.68 | 11.21 | 10.96 | 61.49 | 108.34 | 59.41 | 11.20 | 3.02 | 2.95 | 9.01 | 85.58 | 193.92 |
| 1980 | 28.85 | 10.23 | 11.75 | 61.68 | 112.52 | 61.08 | 11.21 | 3.27 | 3.37 | 8.66 | 87.59 | 200.11 |
| 1981 | 24.98 | 9.76 | 8.32 | 61.37 | 104.43 | 61.79 | 10.01 | 3.44 | 3.17 | 9.58 | 87.98 | 192.41 |
| 1982 | 24.73 | 7.88 | 7.04 | 69.65 | 109.30 | 62.15 | 10.32 | 2.90 | 3.22 | 10.60 | 89.19 | 198.48 |
| 1983 | 29.30 | 6.03 | 8.30 | 76.41 | 120.04 | 62.69 | 9.06 | 2.82 | 3.21 | 10.94 | 88.73 | 208.77 |
| 1984 | 23.99 | 5.70 | 7.39 | 65.66 | 102.75 | 67.56 | 9.17 | 2.56 | 3.32 | 11.32 | 93.90 | 196.65 |
| 1985 | 23.44 | 4.57 | 6.46 | 74.64 | 109.10 | 66.48 | 9.26 | 2.36 | 3.60 | 10.15 | 91.84 | 200.94 |
| 1986 | 26.67 | 4.14 | 7.63 | 78.81 | 117.25 | 69.18 | 9.59 | 2.24 | 3.91 | 11.48 | 96.39 | 213.64 |
| 1987 | 26.37 | 4.04 | 9.03 | 73.38 | 112.82 | 75.07 | 9.65 | 2.60 | 4.25 | 10.11 | 101.47 | 214.29 |
| 1988 3/ | 26.47 | 3.39 | 10.25 | 73.50 | 113.61 | 70.44 | 9.72 | 2.58 | 4.15 | 10.83 | 97.72 | 211.33 |

1/ Unless otherwise noted, data represent a calendar year (adjustments to a calendar year, when necessary, were made by combining proportional parts of each season or pack year involved). 2/ Some figures may not add due to rounding.

3/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 86--Fresh fruit: Per capita consumption, 1970 to date 1/

| Year | Citrus fruit | | | | | | | Noncitrus fruit | | | | | |
|------------|--------------|-----------------|-------------------|-----------------|---------|-----------------|-----------------|-----------------|------------------------|-------------------|--------------------------------|----------------------------|----------------------|
| | Oranges | Tange- rines | Tan- gelos | Lemons | Limes | Grape- fruit | Total 4/ | Apples | Apri- cots | Avo- cados | Bananas | Cher- ries | Cran- berries |
| --Pounds-- | | | | | | | | | | | | | |
| 1970 | 16.16 | 1.60 | 0.61 | 2.04 | 0.19 | 8.18 | 28.78 | 17.01 | 0.12 | 0.44 | 17.38 | 0.50 | 0.18 |
| 1971 | 15.72 | 1.78 | 0.70 | 2.24 | 0.18 | 8.51 | 29.13 | 16.41 | 0.13 | 0.83 | 18.05 | 0.66 | 0.19 |
| 1972 | 14.48 | 1.63 | 0.73 | 1.86 | 0.22 | 8.53 | 27.45 | 15.53 | 0.08 | 0.44 | 17.92 | 0.38 | 0.15 |
| 1973 | 14.44 | 1.69 | 0.61 | 1.93 | 0.22 | 8.54 | 27.43 | 16.20 | 0.09 | 0.83 | 18.16 | 0.73 | 0.19 |
| 1974 | 14.42 | 1.88 | 0.67 | 2.00 | 0.22 | 8.21 | 27.40 | 16.42 | 0.06 | 0.68 | 18.49 | 0.58 | 0.15 |
| 1975 | 15.88 | 2.00 | 0.99 | 1.95 | 0.24 | 8.32 | 29.38 | 19.46 | 0.08 | 1.16 | 17.64 | 0.69 | 0.14 |
| 1976 | 14.74 | 1.98 | 0.93 | 1.90 | 0.25 | 9.24 | 29.04 | 16.93 | 0.10 | 0.79 | 19.26 | 0.82 | 0.19 |
| 1977 | 13.44 | 1.84 | 0.94 | 2.10 | 0.25 | 7.70 | 26.27 | 16.55 | 0.09 | 1.27 | 19.21 | 0.63 | 0.18 |
| 1978 | 13.45 | 1.62 | 0.81 | 2.12 | 0.24 | 8.32 | 26.56 | 18.00 | 0.07 | 1.02 | 20.20 | 0.54 | 0.18 |
| 1979 | 12.61 | 1.61 | 0.68 | 1.97 | 0.25 | 7.56 | 24.68 | 17.24 | 0.08 | 1.23 | 21.98 | 0.69 | 0.13 |
| 1980 | 15.84 | 1.97 | 0.71 | 1.95 | 0.37 | 8.01 | 28.85 | 19.23 | 0.10 | 0.82 | 20.79 | 0.70 | 0.14 |
| 1981 | 13.57 | 1.26 | 0.81 | 2.05 | 0.40 | 6.89 | 24.98 | 17.23 | 0.10 | 2.16 | 21.50 | 0.55 | 0.21 |
| 1982 | 12.71 | 1.32 | 0.69 | 2.11 | 0.39 | 7.51 | 24.73 | 17.67 | 0.08 | 1.50 | 22.53 | 0.53 | 0.21 |
| 1983 | 16.08 | 1.43 | 0.72 | 2.42 | 0.57 | 8.08 | 29.30 | 18.42 | 0.08 | 1.95 | 21.21 | 0.76 | 0.14 |
| 1984 | 12.79 | 1.39 | 0.61 | 2.31 | 0.56 | 6.33 | 23.99 | 18.69 | 0.13 | 2.22 | 22.13 | 0.73 | 0.12 |
| 1985 | 12.37 | 1.73 | 0.55 | 2.39 | 0.66 | 5.74 | 23.44 | 17.47 | 0.17 | 1.88 | 23.41 | 0.43 | 0.13 |
| 1986 | 15.30 | 1.04 | 0.50 | 2.64 | 0.70 | 6.49 | 26.67 | 18.28 | 0.10 | 0.99 | 25.72 | 0.49 | 0.14 |
| 1987 | 14.82 | 1.23 | 0.48 | 2.57 | 0.65 | 6.62 | 26.37 | 21.28 | 0.08 | 2.37 | 24.92 | 0.73 | 0.12 |
| 1988 5/ | 14.94 | 1.21 | 0.51 | 2.53 | 0.58 | 6.70 | 26.47 | 18.90 | 0.11 | 1.62 | 24.15 | 0.51 | 0.15 |
| | | | | | | | | | | | | | |
| | Figs | Grapes | Kiwi- fruit 2/ | Nectar- ines | Peaches | Pears | Pine- apples | Papayas | Plums and prunes | Straw- berries | Miscel- laneous fruit 3/ | Total non- citrus 4/ | Total fruit 4/ |
| --Pounds-- | | | | | | | | | | | | | |
| 1970 | 0.01 | 2.50 | N.A. | 0.58 | 5.82 | 1.90 | 0.70 | 0.12 | 1.47 | 1.73 | 0.14 | 50.60 | 79.38 |
| 1971 | 0.01 | 2.23 | N.A. | 0.61 | 5.66 | 2.54 | 0.64 | 0.10 | 1.28 | 1.83 | 0.16 | 51.33 | 80.46 |
| 1972 | 0.03 | 2.22 | N.A. | 0.82 | 3.88 | 2.28 | 0.78 | 0.11 | 1.08 | 1.67 | 0.15 | 47.52 | 74.97 |
| 1973 | 0.04 | 2.68 | N.A. | 0.72 | 4.26 | 2.57 | 0.92 | 0.14 | 1.14 | 1.58 | 0.18 | 50.43 | 77.86 |
| 1974 | 0.05 | 2.85 | N.A. | 0.95 | 4.34 | 2.48 | 0.90 | 0.16 | 1.50 | 1.83 | 0.20 | 51.64 | 79.04 |
| 1975 | 0.03 | 3.20 | N.A. | 0.89 | 4.98 | 2.74 | 1.03 | 0.16 | 1.33 | 1.80 | 0.23 | 55.56 | 84.94 |
| 1976 | 0.02 | 3.23 | N.A. | 1.00 | 5.14 | 2.84 | 1.15 | 0.20 | 1.25 | 1.66 | 0.23 | 54.81 | 83.85 |
| 1977 | 0.03 | 3.17 | N.A. | 1.25 | 5.10 | 2.38 | 1.36 | 0.25 | 1.55 | 1.91 | 0.17 | 55.10 | 81.37 |
| 1978 | 0.03 | 3.09 | N.A. | 1.15 | 5.00 | 2.34 | 1.45 | 0.25 | 1.56 | 2.16 | 0.15 | 57.19 | 83.75 |
| 1979 | 0.03 | 3.54 | N.A. | 1.36 | 5.44 | 2.31 | 1.47 | 0.17 | 1.70 | 1.90 | 0.14 | 59.41 | 84.09 |
| 1980 | 0.02 | 3.81 | N.A. | 1.62 | 5.67 | 2.64 | 1.50 | 0.21 | 1.60 | 2.01 | 0.22 | 61.08 | 89.93 |
| 1981 | 0.01 | 4.01 | N.A. | 1.52 | 5.52 | 2.85 | 1.57 | 0.22 | 1.78 | 2.24 | 0.32 | 61.79 | 86.77 |
| 1982 | 0.01 | 5.81 | N.A. | 1.41 | 3.95 | 2.90 | 1.66 | 0.16 | 1.09 | 2.44 | 0.20 | 62.15 | 86.88 |
| 1983 | 0.01 | 5.45 | 0.15 | 1.50 | 4.06 | 3.05 | 1.70 | 0.18 | 1.49 | 2.40 | 0.14 | 62.69 | 91.99 |
| 1984 | 0.02 | 6.48 | 0.15 | 1.49 | 5.41 | 2.63 | 1.52 | 0.26 | 1.97 | 3.07 | 0.54 | 67.56 | 91.55 |
| 1985 | 0.01 | 7.45 | 0.18 | 1.68 | 3.99 | 2.86 | 1.48 | 0.18 | 1.53 | 3.09 | 0.54 | 66.48 | 89.92 |
| 1986 | 0.01 | 7.27 | 0.20 | 1.35 | 4.72 | 3.04 | 1.75 | 0.18 | 1.36 | 3.00 | 0.58 | 69.18 | 95.85 |
| 1987 | 0.01 | 7.63 | 0.28 | 1.50 | 4.76 | 3.63 | 1.71 | 0.18 | 2.03 | 3.22 | 0.62 | 75.07 | 101.44 |
| 1988 5/ | 0.01 | 7.40 | 0.26 | 1.53 | 5.12 | 3.10 | 1.81 | 0.15 | 1.76 | 3.46 | 0.40 | 70.44 | 96.91 |

N.A.= not available.

1/ All data are on calendar year basis except for citrus fruits, October or November; apples, August; grapes and pears, July; prior to years indicated. 2/ Reported separately beginning 1983. 3/ Includes mangos, olives, persimmons, pomegranates, kiwifruit and other fruit. 4/ Some figures may not add due to rounding. 5/ Preliminary.

Note: Numbers have been revised for apples, grapes, and pears to reflect per capita consumption for crop season rather than calendar year.

Source: Commodity Economics Division, ERS, USDA.

Table 87--Canned fruit: Per capita consumption, product weight basis, 1970 to date

| Season 1/ | Apricots | Cherries 2/ | Salad and cocktail | Peaches | Pears | Plums and Prunes | Olives | Total 3/ |
|--------------|----------|----------------|--------------------------|---------|-------|------------------------|--------|-------------|
| --Pounds-- | | | | | | | | |
| 1970 | 0.82 | 0.33 | 2.53 | 5.68 | 1.78 | 0.29 | 0.96 | 12.39 |
| 1971 | 0.68 | 0.30 | 2.70 | 5.45 | 2.09 | 0.28 | 0.94 | 12.44 |
| 1972 | 0.69 | 0.29 | 2.87 | 5.03 | 2.11 | 0.16 | 0.84 | 11.99 |
| 1973 | 0.81 | 0.17 | 3.27 | 4.45 | 2.09 | 0.24 | 0.89 | 11.92 |
| 1974 | 0.46 | 0.24 | 2.77 | 5.35 | 1.74 | 0.22 | 0.81 | 11.59 |
| 1975 | 0.64 | 0.24 | 2.74 | 4.93 | 1.99 | 0.22 | 0.93 | 11.69 |
| 1976 | 0.62 | 0.14 | 2.74 | 4.72 | 2.22 | 0.26 | 0.98 | 11.68 |
| 1977 | 0.53 | 0.15 | 2.86 | 4.87 | 2.01 | 0.20 | 1.14 | 11.76 |
| 1978 | 0.45 | 0.11 | 2.63 | 4.14 | 1.74 | 0.22 | 1.62 | 10.91 |
| 1979 | 0.48 | 0.12 | 2.59 | 4.12 | 1.78 | 0.17 | 0.92 | 10.18 |
| 1980 | 0.51 | 0.08 | 2.57 | 4.05 | 1.84 | 0.14 | 1.00 | 10.19 |
| 1981 | 0.38 | 0.09 | 2.37 | 3.54 | 1.73 | 0.16 | 0.83 | 9.10 |
| 1982 | 0.32 | 0.11 | 2.39 | 3.64 | 1.78 | 0.15 | 0.99 | 9.38 |
| 1983 | 0.29 | 0.10 | 2.04 | 2.89 | 1.65 | 0.12 | 1.15 | 8.24 |
| 1984 | 0.31 | 0.10 | 2.11 | 3.13 | 1.43 | 0.10 | 1.16 | 8.34 |
| 1985 | 0.35 | 0.11 | 2.09 | 3.14 | 1.31 | 0.11 | 1.31 | 8.42 |
| 1986 | 0.20 | 0.08 | 2.21 | 3.22 | 1.54 | 0.11 | 1.36 | 8.72 |
| 1987 | 0.24 | 0.09 | 2.22 | 3.25 | 1.56 | 0.12 | 1.29 | 8.77 |
| 1988 4/ | 0.25 | 0.09 | 2.26 | 3.45 | 1.62 | 0.13 | 1.04 | 8.84 |

1/ Season beginning June 1 for year indicated, for all items except cherries, tart, July 1, and olives, August 1.

2/ Includes sweet and tart cherries. Numbers revised to exclude cherries in brine for the entire 1970 to 1988 period.

3/ Some figures may not add due to rounding.

4/ Preliminary.

Note: Numbers have been revised back to 1970 to reflect per capita consumption for crop season rather than calendar year.

Source: Commodity Economics Division, ERS, USDA.

Table 88--Canned and chilled fruit juices (excluding frozen): Per capita consumption, single-strength basis, 1970 to date 1/

| Year | Canned | | | | | | | | | | Chilled 2/ | | | |
|------------|--------|------------|-------------------------------|----------------|----------|---------------|--------|--------|----------|-----------|------------|----------|--|--|
| | Citrus | | | | | Noncitrus | | | | | | | | |
| | Orange | Grapefruit | Blended orange and grapefruit | Lemon and lime | Total 3/ | Fruit nectars | Grapes | Prunes | Total 3/ | Orange 4/ | Grapefruit | Total 3/ | | |
| --Pounds-- | | | | | | | | | | | | | | |
| 1970 | 1.75 | 2.99 | 0.33 | 0.10 | 5.17 | 0.68 | 0.58 | 1.09 | 2.35 | 4.28 | 0.33 | 4.61 | | |
| 1971 | 1.66 | 3.24 | 0.31 | 0.10 | 5.31 | 0.67 | 0.71 | 1.07 | 2.45 | 4.28 | 0.42 | 4.70 | | |
| 1972 | 1.51 | 3.25 | 0.25 | 0.10 | 5.11 | 0.56 | 0.53 | 0.66 | 1.75 | 4.51 | 0.61 | 5.12 | | |
| 1973 | 1.74 | 3.42 | 0.24 | 0.10 | 5.50 | 0.50 | 0.56 | 0.97 | 2.03 | 4.61 | 0.54 | 5.15 | | |
| 1974 | 1.48 | 3.49 | 0.22 | 0.10 | 5.29 | 0.52 | 0.67 | 0.72 | 1.91 | 4.59 | 0.52 | 5.11 | | |
| 1975 | 1.37 | 3.34 | 0.23 | 0.12 | 5.21 | 0.77 | 0.59 | 0.81 | 2.17 | 4.96 | 0.61 | 5.57 | | |
| 1976 | 1.32 | 3.33 | 0.32 | 0.08 | 5.10 | 0.76 | 0.56 | 0.99 | 2.51 | 5.31 | 0.72 | 6.03 | | |
| 1977 | 1.46 | 3.13 | 0.21 | 0.08 | 4.88 | 0.67 | 0.45 | 0.88 | 2.00 | 4.92 | 0.69 | 5.61 | | |
| 1978 | 1.74 | 3.50 | 0.17 | 0.06 | 5.47 | 0.75 | 0.92 | 0.93 | 2.60 | 5.25 | 0.74 | 5.99 | | |
| 1979 | 2.04 | 3.35 | 0.08 | 0.05 | 5.52 | 0.56 | 0.65 | 0.80 | 2.01 | 4.83 | 0.57 | 5.40 | | |
| 1980 | 1.98 | 2.92 | 0.09 | 0.05 | 5.04 | 0.67 | 0.65 | 0.86 | 2.29 | 5.15 | 0.64 | 5.79 | | |
| 1981 | 2.26 | 2.42 | 0.07 | 0.06 | 4.81 | 0.69 | 0.64 | 0.92 | 2.29 | 3.62 | 0.48 | 4.10 | | |
| 1982 | 1.74 | 2.07 | 0.04 | 0.03 | 3.88 | 0.51 | 0.64 | 0.78 | 1.93 | 3.17 | 0.30 | 3.47 | | |
| 1983 | 1.24 | 1.58 | 0.08 | 0.07 | 2.97 | 0.36 | 0.91 | 0.61 | 1.88 | 3.41 | 0.23 | 3.64 | | |
| 1984 | 1.47 | 1.20 | 0.07 | 0.07 | 2.81 | 0.27 | 0.75 | 0.66 | 1.68 | 3.41 | 0.23 | 3.64 | | |
| 1985 | 0.85 | 1.31 | 0.04 | 0.05 | 2.25 | 0.41 | 0.52 | 0.64 | 1.57 | 3.00 | 0.18 | 3.18 | | |
| 1986 | 0.82 | 1.13 | 0.04 | 0.05 | 2.04 | 0.36 | 0.50 | 0.63 | 1.49 | 3.55 | 0.21 | 3.76 | | |
| 1987 | 0.90 | 1.01 | 0.03 | 0.05 | 1.99 | 0.26 | 0.80 | 0.34 | 1.50 | 4.21 | 0.24 | 4.45 | | |
| 1988 5/ | 0.78 | 0.85 | 0.01 | 0.03 | 1.67 | 0.29 | 0.80 | 0.63 | 1.72 | 4.85 | 0.20 | 5.05 | | |

1/ Calendar-year basis except for citrus juices, which are on a pack-year basis beginning prior to year indicated. 2/ Chilled fruit juice produced commercially from fresh fruit in Florida; does not include reconstituted or frozen juice or fresh juice produced for local sale. 3/ Some figures may not add due to rounding. 4/ Includes orange juice processed only from Florida oranges. 5/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 89--Frozen citrus juices: Per capita consumption, product weight and single-strength basis, 1970 to date 1/

| Year | Orange | | | Grapefruit | | | Lemon | | | Lemonade base | | | Tangerine | | | Total 2/ | |
|------------|----------------|-----------------|--|----------------|-----------------|--|----------------|-----------------|--|----------------|-----------------|--|----------------|-----------------|--|----------------|-----------------|
| | Product weight | Single strength | | Product weight | Single strength | | Product weight | Single strength | | Product weight | Single strength | | Product weight | Single strength | | Product weight | Single strength |
| --Pounds-- | | | | | | | | | | | | | | | | | |
| 1970 | 5.88 | 20.73 | | 0.21 | 0.74 | | 0.01 | 0.06 | | 0.33 | 0.24 | | 0.05 | 0.18 | | 6.48 | 21.94 |
| 1971 | 6.87 | 24.22 | | 0.23 | 0.81 | | 0.02 | 0.09 | | 0.34 | 0.25 | | 0.05 | 0.18 | | 7.51 | 25.35 |
| 1972 | 7.86 | 27.71 | | 0.31 | 1.09 | | 0.02 | 0.09 | | 0.38 | 0.28 | | 0.05 | 0.18 | | 8.62 | 29.35 |
| 1973 | 7.82 | 26.86 | | 0.31 | 1.09 | | 0.01 | 0.06 | | 0.46 | 0.34 | | 0.05 | 0.14 | | 8.45 | 28.53 |
| 1974 | 8.36 | 29.77 | | 0.33 | 1.16 | | 0.01 | 0.06 | | 0.42 | 0.31 | | 0.04 | 0.14 | | 9.16 | 31.14 |
| 1975 | 9.30 | 32.78 | | 0.28 | 0.99 | | 0.06 | 0.26 | | 0.97 | 0.72 | | 0.06 | 0.21 | | 10.67 | 34.96 |
| 1976 | 9.74 | 34.33 | | 0.08 | 0.28 | | (3) | 0.02 | | 0.51 | 0.38 | | 0.03 | 0.11 | | 10.36 | 35.12 |
| 1977 | 9.68 | 34.12 | | 0.52 | 1.83 | | 0.03 | 0.14 | | 0.38 | 0.28 | | 0.07 | 0.25 | | 10.48 | 36.62 |
| 1978 | 7.81 | 27.53 | | 0.51 | 1.80 | | 0.06 | 0.25 | | 0.67 | 0.50 | | 0.07 | 0.21 | | 9.72 | 30.32 |
| 1979 | 8.60 | 30.32 | | 0.51 | 1.80 | | 0.05 | 0.21 | | 0.51 | 0.38 | | 0.06 | 0.21 | | 9.75 | 32.01 |
| 1980 | 9.01 | 31.76 | | 0.43 | 1.52 | | 0.02 | 0.09 | | 0.24 | 0.18 | | 0.09 | 0.32 | | 9.71 | 33.76 |
| 1981 | 8.55 | 30.14 | | 0.66 | 2.33 | | 0.04 | 0.17 | | 0.37 | 0.27 | | 0.09 | 0.32 | | 11.02 | 36.88 |
| 1982 | 9.43 | 33.24 | | 0.72 | 2.54 | | 0.06 | 0.25 | | 0.72 | 0.53 | | 0.02 | 0.07 | | 12.09 | 41.59 |
| 1983 | 10.99 | 38.74 | | 0.66 | 2.33 | | 0.04 | 0.17 | | 0.39 | 0.29 | | 0.03 | 0.11 | | 10.39 | 35.57 |
| 1984 | 9.48 | 33.42 | | 0.45 | 1.59 | | 0.05 | 0.21 | | 0.48 | 0.36 | | 0.03 | 0.11 | | 11.81 | 40.32 |
| 1985 | 10.25 | 36.13 | | 1.00 | 3.53 | | 0.05 | 0.21 | | 0.48 | 0.36 | | 0.03 | 0.11 | | 12.47 | 43.06 |
| 1986 | 11.25 | 39.66 | | 0.73 | 2.57 | | 0.13 | 0.48 | | 0.33 | 0.24 | | 0.03 | 0.14 | | 11.61 | 39.98 |
| 1987 | 10.14 | 35.74 | | 1.01 | 3.56 | | 0.07 | 0.28 | | 0.35 | 0.26 | | 0.04 | 0.14 | | 11.61 | 39.98 |
| 1988 4/ | 10.54 | 37.15 | | 0.60 | 2.12 | | 0.07 | 0.27 | | 0.40 | 0.30 | | 0.02 | 0.07 | | 11.63 | 39.90 |

1/ Product weight includes concentrated and single-strength juices. Concentrated fruit juices converted to single-strength on basis of 3.525 pounds to 1; Lemonade base, 0.74 to 1. 2/ Some figures may not add due to rounding. 3/ Negligible. 4/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 90--Frozen fruit: Per capita consumption, product weight basis, 1970 to date

| Year | Black-berries | Blue-berries | Rasp-berries | Straw-berries | Other berries | Apples | Apricots | Cherries | Grapes and pulp | Peaches | Miscellaneous 1/ | Total 2/ |
|---------|---------------|--------------|--------------|---------------|---------------|--------|----------|----------|-----------------|---------|------------------|----------|
| | --pounds-- | | | | | | | | | | | |
| 1970 | 0.10 | 0.21 | 0.16 | 1.19 | 0.06 | 0.47 | 0.06 | 0.61 | 0.03 | 0.28 | 0.17 | 3.34 |
| 1971 | 0.16 | 0.18 | 0.12 | 1.41 | 0.07 | 0.53 | 0.07 | 0.68 | 0.01 | 0.26 | 0.15 | 3.68 |
| 1972 | 0.11 | 0.16 | 0.10 | 1.35 | 0.06 | 0.66 | 0.04 | 0.64 | 0.01 | 0.31 | 0.15 | 3.63 |
| 1973 | 0.08 | 0.16 | 0.10 | 1.19 | 0.05 | 0.61 | 0.08 | 0.81 | 0.04 | 0.23 | 0.16 | 3.51 |
| 1974 | 0.06 | 0.14 | 0.09 | 1.13 | 0.04 | 0.33 | 0.06 | 0.49 | 0.01 | 0.28 | 0.13 | 2.76 |
| 1975 | 0.08 | 0.19 | 0.09 | 1.40 | 0.04 | 0.45 | 0.07 | 0.44 | (3) | 0.28 | 0.15 | 3.19 |
| 1976 | 0.12 | 0.13 | 0.13 | 1.28 | 0.05 | 0.39 | 0.06 | 0.67 | 0.01 | 0.13 | 0.10 | 3.07 |
| 1977 | 0.12 | 0.13 | 0.13 | 1.16 | 0.04 | 0.44 | 0.07 | 0.62 | 0.02 | 0.28 | 0.18 | 3.19 |
| 1978 | 0.10 | 0.11 | 0.10 | 1.37 | 0.05 | 0.39 | 0.07 | 0.52 | 0.01 | 0.21 | 0.12 | 2.68 |
| 1979 | 0.06 | 0.13 | 0.08 | 1.13 | 0.03 | 0.33 | 0.06 | 0.52 | 0.03 | 0.27 | 0.13 | 3.06 |
| 1980 | 0.02 | 0.17 | 0.08 | 1.39 | 0.02 | 0.35 | 0.07 | 0.48 | 0.02 | 0.19 | 0.16 | 2.88 |
| 1981 | 0.04 | 0.11 | 0.07 | 1.14 | 0.02 | 0.37 | 0.05 | 0.49 | 0.02 | 0.23 | 0.15 | 2.93 |
| 1982 | 0.09 | 0.11 | 0.07 | 1.17 | 0.04 | 0.43 | 0.06 | 0.61 | 0.01 | 0.31 | 0.16 | 2.92 |
| 1983 | 0.08 | 0.04 | 0.07 | 1.17 | 0.02 | 0.32 | 0.07 | 0.63 | 0.04 | 0.21 | 0.10 | 3.02 |
| 1984 | 0.04 | 0.25 | 0.06 | 1.24 | 0.02 | 0.38 | 0.06 | 0.58 | 0.01 | 0.28 | 0.23 | 3.27 |
| 1985 | 0.06 | 0.22 | 0.10 | 1.21 | 0.02 | 0.35 | 0.07 | 0.58 | 0.03 | 0.40 | 0.20 | 3.55 |
| 1986 | 0.04 | 0.38 | 0.09 | 1.26 | 0.03 | 0.40 | 0.07 | 0.66 | 0.01 | 0.41 | 0.27 | 3.86 |
| 1987 | 0.05 | 0.29 | 0.07 | 1.28 | 0.02 | 0.53 | 0.08 | 1.00 | (4) | 0.27 | 0.27 | 3.77 |
| 1988 5/ | 0.08 | 0.20 | 0.09 | 1.33 | 0.04 | 0.49 | 0.06 | 0.72 | (4) | 0.32 | 0.44 | |

1/ Includes prunes and plums.

2/ Some figures may not add due to rounding.

3/ Negligible.

4/ Included in miscellaneous fruits.

5/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 91--Dried fruit: Per capita consumption, product weight basis, pack years, 1970 to date

| Pack 1/ | Apricots | Dates 2/ | Figs | Peaches | Pears | Prunes 3/ | Raisins | Total 4/ |
|------------|----------|----------|------|---------|-------|-----------|---------|----------|
| --Pounds-- | | | | | | | | |
| 1970 | 0.05 | 0.26 | 0.22 | 0.01 | 0.003 | 0.68 | 1.33 | 2.55 |
| 1971 | 0.06 | 0.31 | 0.19 | 0.02 | 0.01 | 0.58 | 1.36 | 2.53 |
| 1972 | 0.05 | 0.28 | 0.11 | 0.02 | 0.01 | 0.48 | 0.95 | 1.90 |
| 1973 | 0.05 | 0.28 | 0.13 | 0.02 | 0.01 | 0.54 | 1.37 | 2.40 |
| 1974 | 0.03 | 0.24 | 0.16 | 0.01 | 0.01 | 0.50 | 1.32 | 2.27 |
| 1975 | 0.04 | 0.34 | 0.15 | 0.01 | 0.01 | 0.60 | 1.62 | 2.77 |
| 1976 | 0.05 | 0.41 | 0.17 | 0.02 | 0.01 | 0.52 | 1.27 | 2.45 |
| 1977 | 0.06 | 0.36 | 0.16 | 0.01 | 0.01 | 0.48 | 1.29 | 2.37 |
| 1978 | 0.05 | 0.31 | 0.17 | 0.01 | 0.01 | 0.42 | 0.97 | 1.94 |
| 1979 | 0.04 | 0.27 | 0.17 | 0.01 | 0.01 | 0.38 | 1.49 | 2.37 |
| 1980 | 0.04 | 0.14 | 0.14 | 0.02 | 0.01 | 0.44 | 1.49 | 2.28 |
| 1981 | 0.05 | 0.18 | 0.11 | 0.02 | 0.01 | 0.43 | 1.72 | 2.52 |
| 1982 | 0.06 | 0.26 | 0.14 | 0.02 | 0.01 | 0.47 | 1.83 | 2.79 |
| 1983 | 0.08 | 0.25 | 0.15 | 0.04 | 0.01 | 0.44 | 1.91 | 2.88 |
| 1984 | 0.08 | 0.28 | 0.13 | 0.04 | 0.01 | 0.36 | 2.08 | 2.98 |
| 1985 | 0.05 | 0.18 | 0.12 | 0.01 | 0.01 | 0.47 | 1.83 | 2.67 |
| 1986 | 0.08 | 0.15 | 0.14 | 0.01 | 0.01 | 0.44 | 2.19 | 3.02 |
| 1987 | 0.05 | 0.17 | 0.16 | 0.02 | 0.01 | 0.62 | 1.63 | 2.66 |
| 1988 5/ | 0.06 | 0.16 | 0.15 | 0.03 | 0.01 | 0.66 | 1.78 | 2.85 |

1/ Pack beginning July 1 for apricots, peaches, pears; September 1 for dates, figs, raisins; and August 1 for prunes.
 2/ Pits-in basis. 3/ Excludes quantities used for juice. 4/ Some figures may not add due to rounding. 5/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 92--Tree nuts (shelled basis): Per capita consumption, 1970 to date

| Season 1/ | Almonds | Filberts | Pecans | Walnuts | Macadamias | Pistachios 2/ | Other 3/ | Total 4/ |
|------------|---------|----------|--------|---------|------------|---------------|----------|----------|
| --Pounds-- | | | | | | | | |
| 1970/71 | 0.34 | 0.05 | 0.40 | 0.36 | 0.02 | N.A. | 0.59 | 1.76 |
| 1971/72 | 0.36 | 0.06 | 0.44 | 0.41 | 0.02 | N.A. | 0.61 | 1.90 |
| 1972/73 | 0.36 | 0.07 | 0.43 | 0.39 | 0.02 | N.A. | 0.71 | 1.98 |
| 1973/74 | 0.26 | 0.10 | 0.43 | 0.40 | 0.02 | N.A. | 0.57 | 1.78 |
| 1974/75 | 0.26 | 0.04 | 0.39 | 0.42 | 0.02 | N.A. | 0.45 | 1.58 |
| 1975/76 | 0.35 | 0.08 | 0.39 | 0.51 | 0.03 | N.A. | 0.60 | 1.96 |
| 1976/77 | 0.42 | 0.07 | 0.33 | 0.52 | 0.03 | N.A. | 0.55 | 1.92 |
| 1977/78 | 0.45 | 0.07 | 0.37 | 0.53 | 0.03 | 0.04 | 0.28 | 1.77 |
| 1978/79 | 0.39 | 0.08 | 0.39 | 0.39 | 0.03 | 0.04 | 0.42 | 1.74 |
| 1979/80 | 0.37 | 0.04 | 0.46 | 0.47 | 0.04 | 0.04 | 0.38 | 1.80 |
| 1980/81 | 0.42 | 0.05 | 0.43 | 0.51 | 0.04 | 0.08 | 0.32 | 1.85 |
| 1981/82 | 0.50 | 0.05 | 0.45 | 0.51 | 0.04 | 0.04 | 0.33 | 1.92 |
| 1982/83 | 0.58 | 0.07 | 0.48 | 0.47 | 0.05 | 0.08 | 0.46 | 2.19 |
| 1983/84 | 0.56 | 0.05 | 0.48 | 0.59 | 0.05 | 0.08 | 0.52 | 2.33 |
| 1984/85 | 0.60 | 0.07 | 0.53 | 0.52 | 0.05 | 0.17 | 0.47 | 2.41 |
| 1985/86 | 0.68 | 0.07 | 0.47 | 0.42 | 0.05 | 0.15 | 0.45 | 2.29 |
| 1986/87 | 0.53 | 0.04 | 0.54 | 0.45 | 0.06 | 0.16 | 0.46 | 2.24 |
| 1987/88 | 0.58 | 0.06 | 0.53 | 0.48 | 0.06 | 0.09 | 0.44 | 2.24 |
| 1988/89 5/ | 0.66 | 0.09 | 0.52 | 0.44 | 0.06 | 0.19 | 0.55 | 2.51 |

N.A.= not available

1/ Beginning August of year indicated for filberts (hazelnuts) and walnuts, September for pistachios, January for macadamias and July for all others. 2/ Estimates begin in 1977. 3/ Includes the following nuts: Brazil, pignolias, pistachios (until 1977), chestnuts, cashews, and miscellaneous. 4/ Some figures may not add due to rounding. 5/ Preliminary.

Source: Commodity Economics Division, ERS, USDA.

Table 93--Fruit and edible tree nuts: Utilized production, by States, 1985

| State | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 1/ | Total | |
|----------------------|---------|----------|----------|-------|--------------|---------|---------|-------|------------------|---------------|----------|-------------|-----------------|
| | | | Sweet | Tart | | | | | | | | Quantity Z/ | Percent of U.S. |
| | | | | | | | | | | | | | |
| --1,000 short tons-- | | | | | | | | | | | | | |
| Alabama | | | | | | 18.5 | 0.8 | | | | | 0.8 | (6) |
| Arizona | | | | | | 7.9 | 2.3 | | | | | 18.5 | 0.1 |
| Arkansas | | | | | | 5,207.0 | 701.8 | 292.5 | 596.6 | 0.9 | 565.4 | 8,186.7 | 57.8 |
| California | 7.5 | 103.0 | 23.5 | 0.9 | | | 7.5 | 5.9 | | 386.9 | | 69.3 | 0.5 |
| Colorado | 310.0 | | | | | | 1.5 | 1.5 | | | | 23.0 | 0.2 |
| Connecticut | 20.0 | | | | | | 0.6 | | | | | 10.1 | 0.1 |
| Delaware | 9.5 | | | | | | | | | | | 81.5 | 0.6 |
| Florida | | | | | | | | | | 53.0 | 28.5 | 53.1 | 0.4 |
| Georgia | 9.5 | | | | | 2.1 | 41.5 | | | | 599.3 | 77.1 | 4.2 |
| Hawaii | | | | | | | | | 4.5 | | | 51.0 | 0.5 |
| Idaho | 65.5 | | 2.1 | | | | 5.0 | | | | | 37.5 | 0.4 |
| Illinois | 51.0 | | | | | | | | | | | 6.0 | 0.3 |
| Indiana | 37.5 | | | | | | | | | | | 7.9 | (6) |
| Iowa | 6.0 | | | | | | | | | | | 7.5 | 0.1 |
| Kansas | 6.4 | | | | | | 1.5 | | | | | 4.5 | (6) |
| Kentucky | 7.5 | | | | | | | | | | | 41.0 | 0.3 |
| Louisiana | | | | | | | 3.0 | | | 1.5 | | 38.5 | 0.3 |
| Maine | 41.0 | | | | | | 0.5 | | | | | 127.9 | 0.9 |
| Maryland | 38.0 | | | | | | 1.1 | | | | | 779.2 | 5.5 |
| Massachusetts | 42.5 | | | | | 51.0 | 27.5 | 8.0 | 11.0 | 8.2 | | 10.5 | 0.1 |
| Michigan | 535.0 | | 31.0 | 107.5 | | | | | | | | 1.3 | (6) |
| Minnesota | 10.5 | | | | | | 1.3 | | | | | 31.9 | 0.2 |
| Mississippi | | | | | | 0.9 | | | | | | 3.5 | (6) |
| Missouri | 31.0 | | 3.5 | | | | | | | | | 27.5 | 0.2 |
| Montana | | | | | | | | | | | | 115.6 | 0.8 |
| New Hampshire | 27.5 | | | | | | 45.0 | | | 3.1 | | 5.0 | (6) |
| New Jersey | 51.5 | | | | | | | | | | | 727.7 | 5.1 |
| New Mexico | 5.0 | | | | | | | | | | | 142.3 | 1.0 |
| New York | 539.5 | | 1.5 | 11.3 | | 144.0 | 7.0 | 16.0 | | 8.4 | | 84.1 | 0.6 |
| North Carolina | 137.5 | | | | | 1.5 | 1.0 | | | 2.3 | | 4.0 | (6) |
| Ohio | 72.5 | | | | | 7.0 | | | | 4.6 | | 363.1 | 2.6 |
| Oklahoma | | | | | | | 4.0 | | | | | 369.4 | 2.6 |
| Oregon | 80.0 | | 27.0 | 3.3 | 5.0 | 50.0 | 7.3 | 193.0 | 22.4 | 25.2 | | 2.0 | (6) |
| Pennsylvania | 292.5 | | 0.5 | 3.0 | | | 18.7 | 2.6 | | 2.1 | | 118.1 | 0.8 |
| Rhode Island | 2.0 | | | | | | | | | | | 5.0 | (6) |
| South Carolina | 7.5 | | | | | 0.6 | 110.0 | | | | | 13.0 | 0.1 |
| Tennessee | 5.0 | | | | | | | | | | | 48.8 | 0.3 |
| Texas | | | | | | | 13.0 | | | | | 23.5 | 0.2 |
| Utah | 27.5 | 0.9 | 2.1 | 10.5 | | | 5.3 | 2.5 | | | | 194.9 | 1.4 |
| Vermont | 23.5 | | | | | | | | | | | 1,447.6 | 10.3 |
| Virginia | 194.0 | | | | | | 0.9 | | | | | 115.0 | 0.8 |
| Washington | 1,025.0 | 2.4 | 35.3 | | 7.4 | 116.1 | 15.5 | 225.0 | 10.2 | 10.7 | | 97.0 | 0.7 |
| West Virginia | 115.0 | | | 3.8 | 61.5 | | | | | 2.8 | | | |
| Wisconsin | 29.0 | | | | | | | | | | | | |
| United States | 3,917.9 | 106.3 | 126.5 | 140.1 | 174.3 | 5,606.6 | 1,023.2 | 747.0 | 644.7 | 509.4 | 1,193.2 | 14,189.2 | 100.0 |

Continued--

Continued--

Table 93--Fruit and edible tree nuts: Utilized production, by States, 1985--Continued

| State | Citrus fruit 3/ | | | | Total all fruits | | | Total all fruit and nuts | | |
|----------------------|-----------------|------------|--------|----------|----------------------|-----------------|-----------------|--------------------------|-----------------|-----------------|
| | | | | | Quantity 2/ | | | Quantity 2/ | | |
| | Oranges | Grapefruit | Lemons | Other 4/ | Quantity 2/ | Percent of U.S. | Percent of U.S. | Quantity 2/ | Percent of U.S. | Percent of U.S. |
| --1,000 short tons-- | | | | | | | | | | |
| | | | | | --1,000 short tons-- | | | 1,000 short tons | | |
| Alabama | 92.0 | 96.0 | 228.0 | | 442.0 | 4.2 | (6) | 8.0 | 1.0 | (6) |
| Arizona | | | | | 460.5 | 1.9 | (6) | | | (6) |
| Arkansas | | | | | 18.5 | 0.1 | (6) | | | (6) |
| California | 1,966.0 | 289.0 | 752.0 | 63.0 | 3,070.0 | 29.3 | 45.7 | 0.9 | 0.1 | 46.8 |
| Colorado | | | | | 29.3 | 0.3 | (6) | 606.4 | 78.3 | 0.3 |
| Connecticut | | | | | 23.0 | 0.1 | (6) | | | (6) |
| Delaware | | | | | 10.1 | 0.1 | (6) | | | (6) |
| Florida | 4,676.0 | 1,870.0 | | 430.0 | 6,976.0 | 66.5 | 28.7 | 1.4 | 0.2 | 27.8 |
| Georgia | | | | | 53.1 | 0.2 | (6) | 41.5 | 5.4 | 0.4 |
| Hawaii | | | | | 599.3 | 2.4 | (6) | 21.0 | 2.7 | 2.4 |
| Idaho | | | | | 77.1 | 0.3 | (6) | | | (6) |
| Illinois | | | | | 51.0 | 0.2 | (6) | | | (6) |
| Indiana | | | | | 37.5 | 0.2 | (6) | | | (6) |
| Iowa | | | | | 6.0 | (6) | (6) | | | (6) |
| Kansas | | | | | 7.9 | (6) | (6) | | | (6) |
| Kentucky | | | | | 7.5 | (6) | (6) | | | (6) |
| Louisiana | | | | | 4.5 | (6) | (6) | | | (6) |
| Maine | | | | | 41.0 | 0.2 | (6) | 7.5 | 1.0 | (6) |
| Maryland | | | | | 38.5 | 0.2 | (6) | | | (6) |
| Massachusetts | | | | | 127.9 | 0.5 | (6) | | | (6) |
| Michigan | | | | | 779.2 | 3.2 | (6) | | | (6) |
| Minnesota | | | | | 10.5 | (6) | (6) | | | (6) |
| Mississippi | | | | | 1.3 | (6) | (6) | | | (6) |
| Missouri | | | | | 31.9 | 0.1 | (6) | 3.3 | 0.4 | (6) |
| Montana | | | | | 3.5 | (6) | (6) | | | (6) |
| New Hampshire | | | | | 27.5 | 0.1 | (6) | | | (6) |
| New Jersey | | | | | 115.6 | 0.5 | (6) | | | (6) |
| New Mexico | | | | | 5.0 | (6) | (6) | | | (6) |
| New York | | | | | 727.7 | 2.9 | (6) | 14.5 | 1.9 | 0.5 |
| North Carolina | | | | | 162.3 | 0.6 | (6) | 0.5 | 0.1 | 2.9 |
| Ohio | | | | | 84.1 | 0.3 | (6) | 0.5 | 0.1 | 0.6 |
| Oklahoma | | | | | 4.0 | (6) | (6) | 5.0 | 0.6 | 0.3 |
| Oregon | | | | | 363.1 | 1.3 | (6) | 24.3 | 3.1 | (6) |
| Pennsylvania | | | | | 369.4 | 1.3 | (6) | | | (6) |
| Rhode Island | | | | | 2.0 | (6) | (6) | | | (6) |
| South Carolina | | | | | 118.1 | 0.5 | (6) | 0.7 | 0.1 | 0.5 |
| Tennessee | | | | | 5.0 | (6) | (6) | | | (6) |
| Texas | | | | | 13.0 | 0.1 | (6) | | | (6) |
| Utah | | | | | 48.8 | 0.2 | (6) | | | (6) |
| Vermont | | | | | 23.5 | 0.1 | (6) | | | (6) |
| Virginia | | | | | 194.9 | 0.8 | (6) | | | (6) |
| Washington | | | | | 1,447.6 | 6.0 | (6) | 0.3 | (6) | 5.8 |
| West Virginia | | | | | 115.0 | 0.5 | (6) | | | 0.5 |
| Wisconsin | | | | | 97.0 | 0.4 | (6) | | | 0.4 |
| United States | 6,734.0 | 2,255.0 | 980.0 | 519.0 | 10,488.0 | 100.0 | 100.0 | 122.2 | 652.0 | 100.0 |
| | | | | | 24,677.2 | | | 774.2 | 100.0 | 100.0 |

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1984/85 crop. 4/ Tangerines, limes, tangelos, and temples. 5/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 6/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetable Summary, MASS, USDA.

Table 94.--Fruit and edible tree nuts: Value of production, by States, 1985

| State | Noncitrus | | | | | | | | | | | Total | |
|-------------------|-----------|----------|----------|--------|--------------|---------|---------|---------|------------------|---------------|----------|-----------|-----------------|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 1/ | Value 2/ | Percent of U.S. |
| | | | Sweet | Tart | | | | | | | | | |
| --1,000 dollars-- | | | | | | | | | | | | | |
| Alabama | | | | | | 17,908 | 458 | | | | | 458 | (6) |
| Arizona | | | | | | 1,017 | | | | | | 17,908 | 0.5 |
| Arkansas | 1,745 | | | | | 877,048 | | | | | | 4,320 | 0.1 |
| California | 58,540 | | | | | | 776 | | | | | 2,070,067 | 53.6 |
| Colorado | 10,504 | | | | | | 156,104 | 69,735 | 181,392 | 333,913 | 342,418 | 16,088 | 0.4 |
| Connecticut | 6,623 | | 390 | | | | 3,900 | 1,294 | | | | 8,566 | 0.2 |
| Delaware | 1,656 | | | | | | 1,230 | 713 | | | | 1,970 | 0.1 |
| Florida | | | | | | | 314 | | | | | 77,684 | 2.0 |
| Georgia | 2,131 | | | | | 1,038 | 20,439 | | | 61,268 | 16,416 | 23,608 | 0.6 |
| Hawaii | | | | | | | | | | | | 101,581 | 2.6 |
| Idaho | 25,668 | | | | | | 1,960 | | 1,881 | | 101,581 | 12,472 | 0.8 |
| Illinois | 12,472 | | | | | | | | | | | 9,832 | 0.3 |
| Indiana | 9,832 | | | | | | | | | | | 1,842 | (6) |
| Iowa | 1,842 | | | | | | | | | | | 2,241 | 0.1 |
| Kansas | 1,488 | | | | | | | | | | | 2,118 | 0.1 |
| Kentucky | 2,118 | | | | | | 753 | | | 1,590 | | 13,395 | 0.3 |
| Louisiana | | | | | | | 1,980 | | | | | 8,026 | 0.2 |
| Maine | 13,395 | | | | | | | | | | | 108,903 | 2.8 |
| Maryland | 7,764 | | | | | | 262 | | | | | 176,430 | 4.6 |
| Massachusetts | 15,594 | | | | | | 861 | | | | | 4,612 | 0.1 |
| Michigan | 79,800 | | | | | 10,952 | 11,515 | 1,933 | 3,285 | 6,300 | | 10,395 | (6) |
| Minnesota | 4,612 | | | | | | | | | | | 10,395 | 0.3 |
| Mississippi | | | | | | | | | | | | 10,395 | 0.3 |
| Missouri | 10,069 | | | | | 326 | 875 | | | | | 10,395 | 0.3 |
| Montana | | | 2,255 | | | | | | | | | 10,395 | 0.3 |
| New Hampshire | 10,230 | | | | | | | | | | | 10,395 | 0.3 |
| New Jersey | 12,128 | | | | | | | | | | | 10,395 | 0.3 |
| New Mexico | 1,280 | | | | | | | | | | | 10,395 | 0.3 |
| New York | 75,085 | | 1,005 | 5,764 | | 21,156 | 3,252 | 3,870 | | 3,062 | | 58,340 | 1.5 |
| North Carolina | 20,235 | | | | | 474 | 500 | | | 7,493 | | 117,625 | 3.0 |
| Ohio | 20,810 | | | | | 946 | | | | 5,520 | | 27,276 | 0.7 |
| Oklahoma | | | 16,761 | 1,560 | | | 1,864 | | | | | 1,864 | (6) |
| Oregon | 20,200 | | 655 | 1,608 | | 7,378 | 4,199 | 52,870 | 3,641 | 15,619 | | 120,400 | 3.1 |
| Pennsylvania | 54,810 | | | | | | 9,376 | 833 | | 3,473 | | 78,133 | 2.0 |
| Rhode Island | 872 | | | | | | | | | | | 872 | (6) |
| South Carolina | 1,645 | | | | | | | | | | | 46,328 | 1.2 |
| Tennessee | 1,358 | | | | | 223 | 44,460 | | | | | 1,358 | (6) |
| Texas | | 353 | 1,624 | 4,832 | | | 7,280 | 735 | | | | 15,779 | 0.4 |
| Utah | | | | | | | 1,785 | | | | | 7,742 | 0.2 |
| Vermont | 6,650 | | | | | | | | | | | 38,592 | 1.0 |
| Virginia | 38,216 | | | | | | 376 | | | | | 501,333 | 13.1 |
| Washington | 348,740 | | | | | 20,642 | 7,365 | 69,126 | 2,240 | 6,971 | | 22,532 | 0.6 |
| West Virginia | 22,532 | | | | | | | | | | | 78,717 | 2.0 |
| Wisconsin | 8,147 | | 1,549 | | 66,051 | | | | | 2,970 | | | |
| United States | 916,533 | 28,137 | 101,033 | 62,848 | 189,959 | 959,108 | 307,338 | 201,109 | 192,439 | 450,819 | 460,415 | 3,869,738 | 100.0 |

Continued--

Continued--

Table 9A--Fruit and edible tree nuts: Value of production, by States, 1985--Continued

| State | Citrus fruit 3/ | | | | | Total all fruits | | | Total all fruit and nuts | | |
|----------------|-------------------|------------|---------|----------|-----------|-------------------|-----------------|-----------------|--------------------------|-----------------|-----------------|
| | | | | | | Value 2/ | | | Value 2/ | | |
| | Oranges | Grapefruit | Lemons | Other 4/ | Pecans | Other 5/ | Percent of U.S. | Percent of U.S. | Other 5/ | Percent of U.S. | Percent of U.S. |
| | --1,000 dollars-- | | | | | --1,000 dollars-- | | | | | 1,000 dollars |
| Alabama | 23,225 | 16,940 | 27,537 | 8,702 | 76,404 | 3.7 | | | 8,288 | 1.1 | 8,746 |
| Arizona | 505,970 | 62,936 | 140,514 | 21,209 | 730,629 | 35.2 | | | 1,220 | 0.2 | 94,312 |
| Arkansas | | | | | | | | | 571,873 | 72.8 | 5,540 |
| California | | | | | | | | | | | 3,372,377 |
| Colorado | | | | | | | | | | | 16,088 |
| Connecticut | | | | | | | | | | | 8,566 |
| Delaware | | | | | | | | | | | 1,970 |
| Florida | 930,139 | 228,661 | | 111,023 | 1,269,823 | 61.1 | | | 1,792 | 0.2 | 1,349,599 |
| Georgia | | | | | | | | | 56,760 | 7.2 | 80,368 |
| Hawaii | | | | | | | | | 30,450 | 3.9 | 132,031 |
| Idaho | | | | | | | | | | | 31,574 |
| Illinois | | | | | | | | | | | 12,472 |
| Indiana | | | | | | | | | | | 9,832 |
| Iowa | | | | | | | | | | | 1,842 |
| Kansas | | | | | | | | | | | 2,241 |
| Kentucky | | | | | | | | | | | 2,118 |
| Louisiana | | | | | | | | | 6,790 | 0.9 | 10,360 |
| Maine | | | | | | | | | | | 13,395 |
| Maryland | | | | | | | | | | | 8,026 |
| Massachusetts | | | | | | | | | | | 108,903 |
| Michigan | | | | | | | | | | | 176,430 |
| Minnesota | | | | | | | | | | | 4,612 |
| Mississippi | | | | | | | | | 4,104 | 0.5 | 4,979 |
| Missouri | | | | | | | | | | | 10,395 |
| Montana | | | | | | | | | | | 2,255 |
| New Hampshire | | | | | | | | | | | 10,330 |
| New Jersey | | | | | | | | | | | 58,340 |
| New Mexico | | | | | | | | | 27,550 | 3.5 | 28,830 |
| New York | | | | | | | | | 600 | 0.1 | 118,825 |
| North Carolina | | | | | | | | | | | 23,667 |
| Ohio | | | | | | | | | 5,780 | 0.7 | 27,276 |
| Oklahoma | | | | | | | | | 16,451 | 2.1 | 1,864 |
| Oregon | | | | | | | | | | | 120,400 |
| Pennsylvania | | | | | | | | | | | 78,133 |
| Rhode Island | | | | | | | | | | | 872 |
| South Carolina | | | | | | | | | 980 | 0.1 | 46,328 |
| Tennessee | | | | | | | | | | | 1,358 |
| Texas | | | | | | | | | 52,424 | 6.7 | 7,280 |
| Utah | | | | | | | | | | | 15,979 |
| Vermont | | | | | | | | | | | 7,742 |
| Virginia | | | | | | | | | | | 38,592 |
| Washington | | | | | | | | | 287 | (6) | 501,620 |
| West Virginia | | | | | | | | | | | 22,532 |
| Wisconsin | | | | | | | | | | | 78,717 |
| United States | 1,459,334 | 308,537 | 168,051 | 140,934 | 2,076,856 | 100.0 | 5,946,402 | 100.0 | 166,288 | 100.0 | 6,731,751 |

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1984/85 crop.
 4/ Tangerines, limes, tangelos, and temples. 5/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 6/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetable Summary, NASS, USDA.

Table 95--Fruit and edible tree nuts: Utilized production, by States, 1986

| State | Noncitrus | | | | | | | | | | Total | | |
|----------------------|-----------|----------|----------|-------|---------|---------|-------|------------------|--------------|----------|-------------|----------|-------------|
| | Apples | Apricots | Cherries | | Grapes | Peaches | Pears | Prunes and plums | Strawberries | Other 1/ | | | Quantity 2/ |
| | | | Sweet | Tart | | | | | | | Cranberries | | |
| --1,000 short tons-- | | | | | | | | | | | | | |
| Alabama | | | | | | | 3.0 | | | | | 3.0 | (6) |
| Arizona | 4.8 | | | | 23.0 | | | | | | | 23.0 | 0.2 |
| Arkansas | 257.5 | 50.0 | 8.4 | 0.5 | 5.5 | | | | | | | 15.9 | 0.1 |
| California | 8.8 | | | | 4,770.0 | 684.3 | 4.8 | 294.0 | 443.1 | 393.9 | 672.1 | 7,573.3 | 54.5 |
| Colorado | 23.0 | | | | | 3.4 | | 1.8 | | | | 14.4 | 0.1 |
| Connecticut | 13.5 | | | | | 1.3 | | 1.6 | | | | 25.9 | 0.2 |
| Delaware | | | | | | 1.4 | | | | | | 14.9 | 0.1 |
| Florida | 14.5 | | | | | | | | | 45.4 | 24.7 | 70.1 | 0.5 |
| Georgia | | | | | 2.0 | 50.5 | | | | | | 67.0 | 0.5 |
| Hawaii | | | | | | | | | | | | 681.4 | 4.9 |
| Idaho | 47.0 | | 2.3 | | | 5.5 | | | 5.0 | | | 59.8 | 0.4 |
| Illinois | 45.0 | | | | | 10.3 | | | | | | 55.3 | 0.4 |
| Indiana | 18.5 | | | | | 2.0 | | | | | | 20.5 | 0.1 |
| Iowa | 2.7 | | | | | | | | | | | 2.7 | (6) |
| Kansas | 1.5 | | | | | 2.3 | | | | | | 3.7 | (6) |
| Kentucky | 2.0 | | | | | 1.0 | | | | | | 3.0 | (6) |
| Louisiana | | | | | | 0.1 | | | | 1.7 | | 1.8 | (6) |
| Maine | 43.0 | | | | | | | | | | | 43.0 | 0.3 |
| Maryland | 42.5 | | | | | 10.0 | | | | | | 52.5 | 0.4 |
| Massachusetts | 46.0 | | | | | 0.9 | | | | | | 46.9 | 0.4 |
| Michigan | 350.0 | | | | 32.0 | 25.0 | | 11.0 | 11.0 | 7.2 | | 538.7 | 3.9 |
| Minnesota | 9.0 | | | | | | | | | | | 9.0 | 0.1 |
| Mississippi | | | | | | 0.2 | | | | | | 0.2 | (6) |
| Missouri | 18.5 | | 1.0 | | 2.9 | 6.0 | | | | | | 27.4 | 0.2 |
| Montana | | | | | | | | | | | | 1.0 | (6) |
| New Hampshire | 25.0 | | | | | | | | | 1.9 | | 25.0 | 0.2 |
| New Jersey | 50.0 | | | | | | | | | | | 50.0 | 0.8 |
| New Mexico | 3.0 | | | | | | | | | | | 3.0 | (6) |
| New York | 450.0 | | 1.4 | 6.2 | 164.0 | 7.0 | | 18.0 | | 9.1 | | 655.7 | 4.7 |
| North Carolina | 60.0 | | | | 1.4 | 10.5 | | | | 2.4 | | 72.4 | 0.5 |
| Ohio | 45.0 | | | | 8.0 | 1.3 | | | | 2.9 | | 57.1 | 0.4 |
| Oklahoma | | | | | | 2.8 | | | | | | 2.8 | (6) |
| Oregon | 52.5 | | 38.0 | 3.0 | | 6.5 | | 162.0 | 19.0 | 31.8 | | 318.9 | 2.3 |
| Pennsylvania | 310.0 | | 1.0 | 6.0 | 60.0 | 50.0 | | 3.8 | | 2.4 | | 433.2 | 3.1 |
| Rhode Island | 2.8 | | | | | | | | | | | 2.8 | (6) |
| South Carolina | 15.0 | | | | | | | | | | | 15.0 | 1.0 |
| Tennessee | 4.3 | | | | 0.5 | 124.0 | | | | | | 124.5 | (6) |
| Texas | | | | | | 1.9 | | | | | | 1.9 | (6) |
| Utah | 17.0 | 0.8 | 2.2 | 9.3 | | 4.8 | | | | | | 24.8 | (6) |
| Vermont | 24.0 | | | | | 5.3 | | 2.2 | | | | 29.3 | 0.3 |
| Virginia | 225.0 | | | | | | | | | | | 225.0 | 0.2 |
| Washington | 1,580.0 | 4.3 | 62.5 | | 156.0 | 13.0 | | 266.0 | 9.1 | 7.0 | | 2,109.9 | 15.3 |
| West Virginia | 115.0 | | | 1.9 | | 11.5 | | | | | | 126.5 | 0.9 |
| Wisconsin | 27.5 | | | | | | | | | 3.2 | | 30.7 | 0.7 |
| United States | 3,953.7 | 55.1 | 136.8 | 109.2 | 5,225.3 | 1,120.0 | | 760.4 | 487.2 | 509.7 | 1,378.2 | 13,917.4 | 100.0 |

Table 95--Fruit and edible tree nuts: Utilized production, by States, 1986--Continued

| State | Citrus fruit 3/ | | | | Total all fruits | | | | Total all fruit and nuts | | | |
|----------------------|-----------------|-----------------|-------------|-----------------|------------------|-----------------|-------------|-----------------|--------------------------|-----------------|-------------|-----------------|
| | Oranges | | Grapefruit | | Lemons | | Other 4/ | | Pecans | | Other 5/ | |
| | Quantity 2/ | Percent of U.S. | Quantity 2/ | Percent of U.S. | Quantity 2/ | Percent of U.S. | Quantity 2/ | Percent of U.S. | Quantity 2/ | Percent of U.S. | Quantity 2/ | Percent of U.S. |
| --1,000 short tons-- | | | | | | | | | | | | |
| Alabama | 87.0 | 77.0 | 123.0 | 26.0 | 313.0 | 2.8 | | | 8.0 | 1.4 | | |
| Arizona | | | | | | | | | | | | |
| Arkansas | | | | | | | | | | | | |
| California | 2,022.0 | 266.0 | 574.0 | 68.0 | 2,930.0 | 26.5 | | | 0.6 | 0.1 | 418.8 | 70.7 |
| Colorado | | | | | | | | | | | | |
| Connecticut | | | | | | | | | | | | |
| Delaware | | | | | | | | | | | | |
| Florida | | | | | | | | | | | | |
| Georgia | | | | | | | | | | | | |
| Hawaii | | | | | | | | | | | | |
| Idaho | | | | | | | | | | | | |
| Illinois | | | | | | | | | | | | |
| Indiana | | | | | | | | | | | | |
| Iowa | | | | | | | | | | | | |
| Kansas | | | | | | | | | | | | |
| Kentucky | | | | | | | | | | | | |
| Louisiana | | | | | | | | | | | | |
| Maine | | | | | | | | | | | | |
| Maryland | | | | | | | | | | | | |
| Massachusetts | | | | | | | | | | | | |
| Michigan | | | | | | | | | | | | |
| Minnesota | | | | | | | | | | | | |
| Mississippi | | | | | | | | | | | | |
| Missouri | | | | | | | | | | | | |
| Montana | | | | | | | | | | | | |
| New Hampshire | | | | | | | | | | | | |
| New Jersey | | | | | | | | | | | | |
| New Mexico | | | | | | | | | | | | |
| New York | | | | | | | | | | | | |
| North Carolina | | | | | | | | | | | | |
| Ohio | | | | | | | | | | | | |
| Oklahoma | | | | | | | | | | | | |
| Oregon | | | | | | | | | | | | |
| Pennsylvania | | | | | | | | | | | | |
| Rhode Island | | | | | | | | | | | | |
| South Carolina | | | | | | | | | | | | |
| Tennessee | | | | | | | | | | | | |
| Texas | | | | | | | | | | | | |
| Utah | | | | | | | | | | | | |
| Vermont | | | | | | | | | | | | |
| Virginia | | | | | | | | | | | | |
| Washington | | | | | | | | | | | | |
| West Virginia | | | | | | | | | | | | |
| Wisconsin | | | | | | | | | | | | |
| United States | 7,487.0 | 2,339.0 | 697.0 | 528.0 | 11,051.0 | 100.0 | 24,968.4 | 100.0 | 136.4 | 455.9 | 592.3 | 100.0 |
| --1,000 short tons-- | | | | | | | | | | | | |
| Alabama | | | | | | | | | | | | |
| Arizona | | | | | | | | | | | | |
| Arkansas | | | | | | | | | | | | |
| California | | | | | | | | | | | | |
| Colorado | | | | | | | | | | | | |
| Connecticut | | | | | | | | | | | | |
| Delaware | | | | | | | | | | | | |
| Florida | | | | | | | | | | | | |
| Georgia | | | | | | | | | | | | |
| Hawaii | | | | | | | | | | | | |
| Idaho | | | | | | | | | | | | |
| Illinois | | | | | | | | | | | | |
| Indiana | | | | | | | | | | | | |
| Iowa | | | | | | | | | | | | |
| Kansas | | | | | | | | | | | | |
| Kentucky | | | | | | | | | | | | |
| Louisiana | | | | | | | | | | | | |
| Maine | | | | | | | | | | | | |
| Maryland | | | | | | | | | | | | |
| Massachusetts | | | | | | | | | | | | |
| Michigan | | | | | | | | | | | | |
| Minnesota | | | | | | | | | | | | |
| Mississippi | | | | | | | | | | | | |
| Missouri | | | | | | | | | | | | |
| Montana | | | | | | | | | | | | |
| New Hampshire | | | | | | | | | | | | |
| New Jersey | | | | | | | | | | | | |
| New Mexico | | | | | | | | | | | | |
| New York | | | | | | | | | | | | |
| North Carolina | | | | | | | | | | | | |
| Ohio | | | | | | | | | | | | |
| Oklahoma | | | | | | | | | | | | |
| Oregon | | | | | | | | | | | | |
| Pennsylvania | | | | | | | | | | | | |
| Rhode Island | | | | | | | | | | | | |
| South Carolina | | | | | | | | | | | | |
| Tennessee | | | | | | | | | | | | |
| Texas | | | | | | | | | | | | |
| Utah | | | | | | | | | | | | |
| Vermont | | | | | | | | | | | | |
| Virginia | | | | | | | | | | | | |
| Washington | | | | | | | | | | | | |
| West Virginia | | | | | | | | | | | | |
| Wisconsin | | | | | | | | | | | | |
| United States | | | | | | | | | | | | |
| --1,000 short tons-- | | | | | | | | | | | | |
| Alabama | | | | | | | | | | | | |
| Arizona | | | | | | | | | | | | |
| Arkansas | | | | | | | | | | | | |
| California | | | | | | | | | | | | |
| Colorado | | | | | | | | | | | | |
| Connecticut | | | | | | | | | | | | |
| Delaware | | | | | | | | | | | | |
| Florida | | | | | | | | | | | | |
| Georgia | | | | | | | | | | | | |
| Hawaii | | | | | | | | | | | | |
| Idaho | | | | | | | | | | | | |
| Illinois | | | | | | | | | | | | |
| Indiana | | | | | | | | | | | | |
| Iowa | | | | | | | | | | | | |
| Kansas | | | | | | | | | | | | |
| Kentucky | | | | | | | | | | | | |
| Louisiana | | | | | | | | | | | | |
| Maine | | | | | | | | | | | | |
| Maryland | | | | | | | | | | | | |
| Massachusetts | | | | | | | | | | | | |
| Michigan | | | | | | | | | | | | |
| Minnesota | | | | | | | | | | | | |
| Mississippi | | | | | | | | | | | | |
| Missouri | | | | | | | | | | | | |
| Montana | | | | | | | | | | | | |
| New Hampshire | | | | | | | | | | | | |
| New Jersey | | | | | | | | | | | | |
| New Mexico | | | | | | | | | | | | |
| New York | | | | | | | | | | | | |
| North Carolina | | | | | | | | | | | | |
| Ohio | | | | | | | | | | | | |
| Oklahoma | | | | | | | | | | | | |
| Oregon | | | | | | | | | | | | |
| Pennsylvania | | | | | | | | | | | | |
| Rhode Island | | | | | | | | | | | | |
| South Carolina | | | | | | | | | | | | |
| Tennessee | | | | | | | | | | | | |
| Texas | | | | | | | | | | | | |
| Utah | | | | | | | | | | | | |
| Vermont | | | | | | | | | | | | |
| Virginia | | | | | | | | | | | | |
| Washington | | | | | | | | | | | | |
| West Virginia | | | | | | | | | | | | |
| Wisconsin | | | | | | | | | | | | |
| United States | | | | | | | | | | | | |

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetable Summary, NASS, USDA.

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1985/86 crop. 4/ Tangerines, limes, tangelos, and lemons. 5/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 6/ Less than 0.05 percent.

Table 96--Fruit and edible tree nuts: Value of production, by States, 1986

| State | Noncitrus | | | | | | | | | | | Total | |
|-------------------|-----------|----------|----------|--------|--------------|-----------|---------|---------|------------------|---------------|----------|-----------|-----------------|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 1/ | Value 2/ | Percent of U.S. |
| | | | Sweet | Tart | | | | | | | | | |
| --1,000 dollars-- | | | | | | | | | | | | | |
| Alabama | | | | | | | 1,632 | | | | | 1,632 | (6) |
| Arizona | | | | | | 25,070 | | | | | | 25,070 | 0.6 |
| Arkansas | 1,263 | | | | | 1,164 | | | | | | 4,970 | 0.1 |
| California | 83,903 | 18,564 | 10,211 | 359 | | 1,060,245 | 141,643 | 68,140 | 180,938 | 900 | 295,770 | 2,244,898 | 53.4 |
| Colorado | 1,706 | | | | | | 2,077 | 490 | | | | 4,632 | 0.1 |
| Connecticut | 8,869 | | | | | | 1,248 | 776 | | | | 10,893 | 0.3 |
| Delaware | 2,456 | | | | | | 500 | | | | | 2,956 | 0.1 |
| Florida | | | | | | | | | | 50,157 | 10,176 | 60,333 | 1.4 |
| Georgia | 4,646 | | | | | 1,583 | 19,892 | | | | | 26,121 | 0.6 |
| Hawaii | | | | | | | | | | | | 113,753 | 2.7 |
| Idaho | 20,900 | | 1,971 | | | | 2,596 | | 2,387 | | 113,753 | 113,753 | 2.7 |
| Illinois | 14,360 | | | | | | 4,920 | | | | | 27,854 | 0.7 |
| Indiana | 6,864 | | | | | | 1,320 | | | | | 19,280 | 0.5 |
| Iowa | 1,449 | | | | | | | | | | | 8,184 | 0.2 |
| Kansas | 1,693 | | | | | | 1,665 | | | | | 1,449 | (6) |
| Kentucky | 810 | | | | | | 408 | | | | | 2,358 | 0.1 |
| Louisiana | | | | | | | 68 | | | 1,938 | | 1,218 | (6) |
| Maine | 16,505 | | | | | | | | | | | 2,006 | (6) |
| Maryland | 9,641 | | | | | | | | | | | 16,505 | 0.4 |
| Massachusetts | 18,048 | | | | | | 4,088 | | | | | 13,729 | 0.3 |
| Michigan | 65,075 | | | | | | | | | | | 100,134 | 2.4 |
| Minnesota | 5,484 | | | | | | 8,864 | | | | | 137,718 | 3.3 |
| Mississippi | | | 11,520 | 32,751 | 81,222 | 7,916 | | 2,558 | 2,668 | 6,366 | | 5,484 | 0.1 |
| Missouri | | | | | | | 99 | | | | | 99 | (6) |
| Montana | 7,597 | | 480 | | | 899 | 2,520 | | | | | 11,016 | 0.3 |
| New Hampshire | 9,982 | | | | | | | | | | | 9,982 | (6) |
| New Jersey | 12,416 | | | | | | 23,643 | | | 2,063 | | 52,877 | 1.3 |
| New Mexico | 1,140 | | | | | | | | | | | 1,140 | (6) |
| New York | 91,260 | | 1,188 | 2,835 | 14,755 | 32,898 | 3,308 | 3,773 | | 7,626 | | 142,888 | 3.4 |
| North Carolina | 10,160 | | | | | 539 | 3,281 | | | 2,424 | | 16,404 | 0.4 |
| Ohio | 15,660 | | | | | 1,762 | 1,725 | | | 3,477 | | 21,624 | 0.5 |
| Oklahoma | | | | | | | 1,837 | | | 1,837 | | (6) | (6) |
| Oregon | 11,081 | | 25,187 | 960 | 5,527 | 10,810 | 3,554 | 49,197 | 3,064 | 29,107 | | 127,677 | 3.0 |
| Pennsylvania | 51,252 | | 1,270 | 3,040 | | | 18,179 | 1,235 | | 4,190 | | 89,976 | 2.1 |
| Rhode Island | 1,254 | | | | | | | | | | | 1,224 | (6) |
| South Carolina | 4,037 | | | | | | | | | | | 43,913 | 1.0 |
| Tennessee | 1,572 | | | | | | | | | | | 2,460 | 0.1 |
| Texas | | | | | | | 39,700 | | | | | 3,705 | 0.1 |
| Utah | | 291 | 1,509 | 3,533 | | | 3,705 | 759 | | | | 12,641 | 0.3 |
| Vermont | 4,690 | | | | | | | | | | | 8,480 | 0.2 |
| Virginia | 8,480 | | | | | | | | | | | 49,974 | 1.2 |
| Washington | 43,456 | | | | | | 5,518 | | | | | 687,572 | 16.4 |
| West Virginia | 488,400 | 3,319 | 59,437 | | 4,530 | 37,120 | 75,832 | | 3,329 | 6,500 | | 27,748 | 0.7 |
| Wisconsin | 24,410 | | | 788 | 56,832 | | 3,338 | | | 3,648 | | 70,658 | 1.7 |
| Wisconsin | 9,390 | | | | | | | | | | | | |
| United States | 1,058,879 | 22,174 | 112,773 | 44,266 | 162,866 | 1,180,182 | 314,926 | 202,760 | 192,386 | 503,641 | 419,699 | 4,214,552 | 100.0 |

Continued-->

Continued--

Table 96--Fruit and edible tree nuts: Value of production, by States, 1986--Continued

| State | Citrus fruit 3/ | | | | | Total all fruits | | | Total all fruit and nuts | | | | |
|-------------------|-----------------|------------|---------|----------|-------|------------------|--------------------|---------|--------------------------|-------------|--------------------|-------------|--------------------|
| | Oranges | Grapefruit | Lemons | Other 4/ | Total | Value 2/ | Percent of U.S. | Pecans | Other 5/ | Value 2/ | Percent of U.S. | Value 2/ | Percent of U.S. |
| | | | | | | | | | | | | | |
| --1,000 dollars-- | | | | | | | | | | | | | |
| Alabama | | | | | | 1,632 | (6) | 12,736 | | 12,736 | 1.3 | 1,000 | |
| Arizona | 15,746 | 11,589 | 48,844 | 8,293 | 4.8 | 109,542 | 1.8 | | | | | 14,368 | 0.2 |
| Arkansas | | | | | | 4,970 | 0.1 | 975 | | 975 | 0.1 | 109,542 | 1.6 |
| California | 364,952 | 59,280 | 170,426 | 21,940 | 34.9 | 2,874,502 | 48.0 | 735,469 | | 735,469 | 75.2 | 3,609,971 | 51.9 |
| Colorado | | | | | | 4,632 | 0.1 | | | | | 4,632 | 0.1 |
| Connecticut | | | | | | 10,893 | 0.2 | | | | | 10,893 | 0.2 |
| Delaware | | | | | | 2,956 | (6) | | | | | 2,956 | (6) |
| Florida | | | | | | 1,121,599 | 18.8 | 3,271 | | 3,271 | 0.3 | 1,124,870 | 16.1 |
| Georgia | | | | | | 26,121 | 0.4 | 81,800 | | 81,800 | 8.4 | 107,921 | 1.5 |
| Hawaii | | | | | | 113,753 | 1.9 | | | | | 148,953 | 2.1 |
| Idaho | | | | | | 27,854 | 0.5 | 35,200 | | 35,200 | 3.6 | 27,854 | 0.4 |
| Illinois | | | | | | 19,280 | 0.3 | | | | | 19,280 | 0.3 |
| Indiana | | | | | | 8,184 | 0.1 | | | | | 8,184 | 0.1 |
| Iowa | | | | | | 1,449 | (6) | | | | | 1,449 | (6) |
| Kansas | | | | | | 2,358 | (6) | | | | | 2,358 | (6) |
| Kentucky | | | | | | 1,218 | (6) | 17,880 | | 17,880 | 1.8 | 17,880 | (6) |
| Louisiana | | | | | | 2,006 | (6) | | | | | 19,886 | 0.3 |
| Maine | | | | | | 16,505 | 0.3 | | | | | 16,505 | 0.3 |
| Maryland | | | | | | 13,729 | 0.2 | | | | | 13,729 | 0.2 |
| Massachusetts | | | | | | 100,134 | 1.7 | | | | | 100,134 | 1.4 |
| Michigan | | | | | | 137,718 | 2.3 | | | | | 137,718 | 2.0 |
| Minnesota | | | | | | 5,484 | 0.1 | | | | | 5,484 | 0.1 |
| Mississippi | | | | | | 99 | (6) | 5,969 | | 5,969 | 0.6 | 6,068 | 0.1 |
| Missouri | | | | | | 11,016 | 0.2 | | | | | 11,016 | 0.2 |
| Montana | | | | | | 480 | (6) | | | | | 480 | (6) |
| New Hampshire | | | | | | 9,982 | 0.2 | | | | | 9,982 | 0.1 |
| New Jersey | | | | | | 52,877 | 0.9 | | | | | 52,877 | 0.8 |
| New Mexico | | | | | | 1,140 | (6) | | | | | 25,710 | 0.4 |
| New York | | | | | | 142,888 | 2.4 | 24,570 | | 24,570 | 2.5 | 142,888 | 2.0 |
| North Carolina | | | | | | 16,404 | 0.3 | 2,360 | | 2,360 | 0.2 | 18,764 | 0.3 |
| Ohio | | | | | | 21,624 | 0.4 | | | | | 21,624 | 0.3 |
| Oklahoma | | | | | | 1,837 | (6) | 9,413 | | 9,413 | 1.0 | 11,250 | 0.2 |
| Oregon | | | | | | 127,677 | 2.1 | 10,788 | | 10,788 | 1.1 | 138,465 | 2.0 |
| Pennsylvania | | | | | | 89,976 | 1.5 | | | | | 89,976 | 1.3 |
| Rhode Island | | | | | | 1,224 | (6) | | | | | 1,224 | (6) |
| South Carolina | | | | | | 43,913 | 0.7 | | | | | 43,913 | 0.7 |
| Tennessee | | | | | | 2,460 | (6) | 3,575 | | 3,575 | 0.4 | 2,460 | (6) |
| Texas | | | | | | 8,949 | 0.1 | 34,100 | | 34,100 | 3.5 | 43,049 | 0.6 |
| Utah | | | | | | 12,641 | 0.2 | | | | | 12,641 | 0.2 |
| Vermont | | | | | | 8,480 | 0.1 | | | | | 8,480 | 0.1 |
| Virginia | | | | | | 48,974 | 0.8 | | | | | 48,974 | 0.7 |
| Washington | | | | | | 687,572 | 11.6 | | | | | 687,572 | 9.9 |
| West Virginia | | | | | | 27,748 | 0.5 | 179 | | 179 | (6) | 27,748 | 0.4 |
| Wisconsin | | | | | | 70,658 | 1.2 | | | | | 70,658 | 1.0 |
| United States | 1,092,225 | 340,012 | 219,270 | 116,073 | 100.0 | 5,995,138 | 100.0 | 196,649 | 781,636 | 978,285 | 100.0 | 6,973,423 | 100.0 |

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1985/86 crop.

4/ Tangerines, limes, tangelos, and temples. 5/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 6/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables Summary, NASS, USDA.

Table 97--Fruit and edible tree nuts: Utilized production, by States, 1987

| State | Noncitrus | | | | | | | | | | | | Total | |
|----------------------|-----------|----------|----------|-------|--------------|---------|---------|-------|------------------|---------------|----------|-------------|-------|--|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 1/ | Quantity 2/ | | |
| | | | Sweet | Tart | | | | | | | | | | |
| --1,000 short tons-- | | | | | | | | | | | | | | |
| Alabama | | | | | | | 5.0 | | | | | 5.0 | (6) | |
| Arizona | | | | | 21.0 | | | | | | | 21.0 | 0.1 | |
| Arkansas | 2.0 | | | | 5.0 | | | | | | | 8.3 | 0.1 | |
| California | 325.0 | 102.0 | 45.0 | 0.4 | 4,660.0 | 680.5 | 337.0 | 927.4 | 0.6 | 553.0 | | 8,041.5 | 50.3 | |
| Colorado | 59.0 | | | | | 8.5 | 6.4 | | 411.6 | | | 74.3 | 0.5 | |
| Connecticut | 22.0 | | | | | 1.3 | 1.5 | | | | | 24.7 | 0.2 | |
| Delaware | 13.0 | | | | | 0.5 | | | | | | 13.5 | 0.1 | |
| Florida | | | | | | | | | 55.2 | 29.0 | | 84.2 | 0.5 | |
| Georgia | 20.0 | | | | 2.7 | 49.0 | | | | 731.2 | | 71.7 | 0.4 | |
| Hawaii | | | | | | | | 5.9 | | | | 87.9 | 4.6 | |
| Idaho | 75.0 | | 1.7 | | | 5.0 | | | | | | 57.5 | 0.5 | |
| Illinois | 48.0 | | | | | 9.5 | | | | | | 38.8 | 0.2 | |
| Indiana | 35.0 | | | | | 3.8 | | | | | | 4.7 | (6) | |
| Iowa | 4.7 | | | | | | | | | | | 6.4 | (6) | |
| Kansas | 5.2 | | | | | 1.2 | | | | | | 12.7 | 0.1 | |
| Kentucky | 8.3 | | | | | 4.5 | | | | | | 2.4 | (6) | |
| Louisiana | | | | | | 0.3 | | | 2.2 | | | 23.5 | 0.2 | |
| Maine | 37.0 | | | | | 4.5 | | | | | | 120.5 | 0.8 | |
| Maryland | 19.0 | | | | | 1.0 | | | | | | 787.6 | 4.9 | |
| Massachusetts | 47.0 | | | | | 29.5 | 8.0 | 14.0 | 6.6 | | | 11.5 | 0.1 | |
| Michigan | 525.0 | | 32.0 | 112.5 | | 60.0 | | | | | | 0.3 | (6) | |
| Minnesota | 11.5 | | | | | | | | | | | 34.3 | 0.2 | |
| Mississippi | | | | | | | | | | | | 2.6 | (6) | |
| Missouri | 25.0 | | 2.6 | | | 2.8 | 6.5 | | | | | 26.5 | 0.2 | |
| Montana | | | | | | | | | | | | 92.6 | 0.6 | |
| New Hampshire | 24.5 | | | | | | | | 2.1 | | | 6.3 | (6) | |
| New Jersey | 38.5 | | | | | | | | | | | 660.9 | 4.1 | |
| New Mexico | 6.3 | | | | | | | | | | | 210.6 | 1.3 | |
| New York | 440.0 | | 1.3 | 12.2 | | 178.0 | 6.9 | 14.5 | 8.0 | | | 93.2 | 0.6 | |
| North Carolina | 195.0 | | | | | 1.8 | 4.5 | | 3.7 | | | 2.0 | (6) | |
| Ohio | 75.0 | | | | | 10.0 | 2.0 | | | | | 463.5 | 2.9 | |
| Oklahoma | | | | | | | 7.0 | 228.0 | 15.0 | 46.8 | | 343.5 | 2.1 | |
| Oregon | 102.5 | | 54.0 | 3.1 | | 62.5 | 42.5 | 3.1 | | 2.8 | | 2.5 | (6) | |
| Pennsylvania | 230.0 | | 0.5 | 2.2 | | | | | | | | 170.2 | 1.1 | |
| Rhode Island | 2.5 | | | | | | | | | | | 8.3 | 0.1 | |
| South Carolina | 19.5 | | | | | 0.7 | 150.0 | | | | | 2.4 | (6) | |
| Tennessee | 7.0 | | | | | | 1.3 | | | | | 52.1 | 0.3 | |
| Texas | | | | | | | 2.4 | | | | | 21.0 | 0.1 | |
| Utah | | | | | | | 4.8 | 3.2 | | | | 242.5 | 1.5 | |
| Vermont | 31.5 | 0.9 | 1.8 | 10.0 | | | | | | | | 3,112.2 | 19.6 | |
| Virginia | 230.5 | | | | | | 12.0 | 336.0 | 12.3 | | | 98.5 | 0.6 | |
| Washington | 2,400.0 | 3.9 | 74.0 | | 6.5 | 246.0 | 21.5 | | | | | 101.2 | 0.6 | |
| West Virginia | 90.0 | | | | | | 8.5 | | | | | | | |
| Wisconsin | 30.5 | | | 2.5 | 66.0 | | | | | | | | | |
| United States | 5,225.9 | 106.8 | 212.8 | 142.8 | 166.1 | 5,250.5 | 1,124.1 | 937.7 | 974.6 | 555.9 | 1,313.2 | 16,010.2 | 100.0 | |

Continued-->

Continued--

Table 97--Fruit and edible tree nuts: Utilized production, by States, 1987--Continued

[illegible]

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables Summary, NASS, USDA.

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1986/87 crop.

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding in percentages. 3/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 6/ Less than 0.5 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables Summary, NASS, USDA.

Table 98--Fruit and edible tree nuts: Value of production, by States, 1987

| State | Noncitrus | | | | | | | | | | | Total | |
|-------------------|-----------|----------|----------|--------|--------------|-----------|---------|---------|------------------|---------------|----------|-----------|-----------------|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 1/ | Value 2/ | Percent of U.S. |
| | | | Sweet | Tart | | | | | | | | | |
| --1,000 dollars-- | | | | | | | | | | | | | |
| Alabama | | | | | | 21,279 | 2,360 | | | | | 2,360 | 0.1 |
| Arizona | | | | | | 1,345 | | | | | | 21,279 | 0.5 |
| Arkansas | 474 | | | | | 393 | | | | 528 | | 2,740 | 0.1 |
| California | 72,070 | 33,970 | 28,615 | 81 | | 149,002 | | 64,794 | 243,676 | 407,657 | 370,613 | 2,573,237 | 58.3 |
| Colorado | 7,948 | | | | | 1,202,840 | | 3,814 | | | | 13,117 | 0.3 |
| Connecticut | 9,195 | | | | | 1,300 | | 1,725 | | | | 11,220 | 0.3 |
| Delaware | 2,768 | | | | | 170 | | | | | | 2,938 | 0.1 |
| Florida | | | | | | | | | | 67,062 | 9,048 | 76,110 | 1.7 |
| Georgia | 4,520 | | | | | 2,350 | 17,758 | | | | | 24,628 | 0.6 |
| Hawaii | | | | | | | | | | | | 113,722 | 2.6 |
| Idaho | 15,964 | | 1,259 | | | | 1,672 | | | | | 19,683 | 0.4 |
| Illinois | 11,460 | | | | | | 5,220 | | 788 | | | 16,680 | 0.4 |
| Indiana | 11,920 | | | | | | 2,168 | | | | | 14,088 | 0.3 |
| Iowa | 1,886 | | | | | | | | | | | 1,886 | (6) |
| Kansas | 1,532 | | | | | | | | | | | 2,552 | 0.1 |
| Kentucky | 2,523 | | | | | | 720 | | | | | 4,704 | 0.1 |
| Louisiana | | | | | | | 2,181 | | | 2,150 | | 2,380 | 0.1 |
| Maine | 14,155 | | | | | | 230 | | | | | 14,155 | 0.3 |
| Maryland | 3,930 | | | | | | | | | | | 5,315 | 0.1 |
| Massachusetts | 19,319 | | | | | | 1,385 | | | | | 84,695 | 1.9 |
| Michigan | 79,860 | | | | | | 1,040 | | | | | 150,449 | 3.4 |
| Minnesota | 5,299 | | 18,436 | 16,890 | | 15,609 | 9,526 | 1,884 | 2,018 | 6,226 | | 5,299 | 0.1 |
| Mississippi | | | | | | | | | | | | 155 | (6) |
| Missouri | 4,935 | | | | | 966 | 155 | | | | | 8,332 | 0.2 |
| Montana | | | 2,280 | | | | 2,431 | | | | | 2,280 | 0.1 |
| New Hampshire | 10,955 | | | | | | | | | | | 10,955 | 0.2 |
| New Jersey | 9,520 | | | | | | | | | | | 42,288 | 1.0 |
| New Mexico | 1,966 | | | | | | | | | | | 1,966 | (6) |
| New York | 80,560 | | 1,049 | 2,318 | | 40,542 | 2,971 | 3,758 | | 9,104 | | 140,302 | 3.2 |
| North Carolina | 25,110 | | | | | 648 | 3,864 | | | 2,295 | | 31,917 | 0.7 |
| Ohio | 23,728 | | | | | 2,158 | 2,520 | | | 4,453 | | 32,859 | (6) |
| Oklahoma | | | | | | | 1,472 | | | | | 1,472 | 0.1 |
| Oregon | 11,145 | | 37,248 | 340 | | 14,718 | 3,847 | 43,868 | 2,211 | 31,520 | | 136,555 | 3.1 |
| Pennsylvania | 41,201 | | 740 | 704 | | | 14,916 | 822 | | 4,543 | | 77,644 | 1.8 |
| Rhode Island | 1,165 | | | | | | | | | | | 1,165 | (6) |
| South Carolina | 3,291 | | | | | | | | | | | 48,322 | 1.1 |
| Tennessee | 1,880 | | | | | | | | | | | 2,745 | 0.1 |
| Texas | | | | | | 241 | 865 | | | | | 1,824 | (6) |
| Utah | 4,635 | 378 | 1,181 | 1,654 | | | 1,520 | 870 | | | | 10,238 | 0.2 |
| Vermont | 7,576 | | | | | | | | | | | 7,576 | 0.2 |
| Virginia | 42,830 | | | | | | 4,097 | | | | | 46,927 | 1.1 |
| Washington | 348,000 | 2,765 | 68,332 | | | 55,356 | 7,076 | 67,717 | 1,650 | 8,180 | | 564,926 | 12.9 |
| West Virginia | 13,567 | | | | | | 2,281 | | | | | 15,848 | 0.4 |
| Wisconsin | 9,466 | | | 295 | | 58,608 | | | | 2,508 | | 70,877 | 1.6 |
| United States | 906,353 | 37,113 | 159,140 | 22,282 | 147,798 | 1,358,052 | 310,852 | 185,712 | 250,343 | 549,087 | 493,383 | 4,420,110 | 100.0 |

Continued--

Table 98--Fruit and edible tree nuts: Value of production, by States, 1987--Continued

| State | Citrus fruit 3/ | | | | Total all fruits | | | Total all fruit and nuts | | |
|--|-----------------|------------|---------|----------|------------------|-----------------|---------|--------------------------|-----------------|-------|
| | Oranges | Grapefruit | Lemons | Other 4/ | Total | | Pecans | Total | | |
| | | | | | Value 2/ | Percent of U.S. | | Value 2/ | Percent of U.S. | |
| --1,000 dollars-- | | | | | 1,000 dollars | | | 1,000 dollars | | |
| Alabama | | | | | 2,360 | (6) | 9,488 | 0.8 | 11,848 | 0.2 |
| Arizona | 16,735 | 11,126 | 29,186 | 8,571 | 65,618 | 3.2 | | | 86,897 | 1.1 |
| Arkansas | | | | | 2,740 | (6) | 798 | 0.1 | 3,538 | (6) |
| California | 434,124 | 56,251 | 152,890 | 25,697 | 668,962 | 32.6 | 938,381 | 82.7 | 4,180,580 | 55.1 |
| Colorado | | | | | 13,117 | 0.2 | | | 13,117 | 0.2 |
| Connecticut | | | | | 11,220 | 0.2 | | | 11,220 | 0.1 |
| Delaware | | | | | 2,938 | (6) | | | 2,938 | (6) |
| Florida | 864,171 | 329,098 | | 97,730 | 1,290,999 | 63.0 | 3,744 | 0.3 | 1,370,853 | 18.1 |
| Georgia | | | | | 24,628 | 0.4 | 62,150 | 5.5 | 86,778 | 1.1 |
| Hawaii | | | | | 113,722 | 1.8 | | 3.2 | 149,590 | 2.0 |
| Idaho | | | | | 19,683 | 0.3 | | | 19,683 | 0.3 |
| Illinois | | | | | 16,680 | 0.3 | | | 16,680 | 0.2 |
| Indiana | | | | | 14,088 | 0.2 | | | 14,088 | 0.2 |
| Iowa | | | | | 1,886 | (6) | | | 1,886 | (6) |
| Kansas | | | | | 2,252 | (6) | | | 2,252 | (6) |
| Kentucky | | | | | 4,704 | 0.1 | | | 4,704 | 0.1 |
| Louisiana | | | | | 2,380 | (6) | 7,590 | 0.7 | 9,970 | 0.1 |
| Maine | | | | | 14,155 | 0.2 | | | 14,155 | 0.2 |
| Maryland | | | | | 5,315 | 0.1 | | | 5,315 | 0.1 |
| Massachusetts | | | | | 84,695 | 1.3 | | | 84,695 | 1.1 |
| Michigan | | | | | 150,449 | 2.3 | | | 150,449 | 2.0 |
| Minnesota | | | | | 5,299 | 0.1 | | | 5,299 | 0.1 |
| Mississippi | | | | | 135 | (6) | 6,328 | 0.6 | 6,463 | 0.1 |
| Missouri | | | | | 8,332 | 0.1 | | | 8,332 | 0.1 |
| Montana | | | | | 2,280 | (6) | | | 2,280 | (6) |
| New Hampshire | | | | | 10,955 | 0.2 | | | 10,955 | 0.1 |
| New Jersey | | | | | 42,288 | 0.7 | | | 42,288 | 0.6 |
| New Mexico | | | | | 1,966 | (6) | 16,250 | 1.4 | 18,216 | 0.2 |
| New York | | | | | 140,302 | 2.2 | | | 140,302 | 1.8 |
| North Carolina | | | | | 31,917 | 0.5 | 1,140 | 0.1 | 33,057 | 0.4 |
| Ohio | | | | | 32,859 | 0.5 | | | 32,859 | 0.4 |
| Oklahoma | | | | | 1,472 | (6) | 4,973 | 0.4 | 6,445 | 0.1 |
| Oregon | | | | | 136,555 | 2.1 | 20,554 | 1.8 | 157,109 | 2.1 |
| Pennsylvania | | | | | 77,644 | 1.2 | | | 77,644 | 1.0 |
| Rhode Island | | | | | 1,165 | (6) | | | 1,165 | (6) |
| South Carolina | | | | | 48,322 | 0.7 | 2,048 | 0.2 | 50,370 | 0.7 |
| Tennessee | | | | | 2,745 | 0.1 | | | 2,745 | (6) |
| Texas | | | | | 25,176 | 0.4 | 24,600 | 2.2 | 49,776 | 0.7 |
| Utah | 7,593 | 15,759 | | | 10,238 | 0.2 | | | 10,238 | 0.1 |
| Vermont | | | | | 46,927 | 0.7 | | | 46,927 | 0.6 |
| Virginia | | | | | 564,926 | 8.7 | | | 564,926 | 7.4 |
| Washington | | | | | 15,848 | 0.2 | | | 15,848 | 0.2 |
| West Virginia | | | | | 70,877 | 1.1 | | | 70,877 | 0.9 |
| Wisconsin | | | | | | | 348 | (6) | | |
| United States | 1,322,623 | 412,234 | 182,076 | 131,998 | 2,048,931 | 100.0 | 139,109 | 100.0 | 7,603,301 | 100.0 |
| 1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 2/ Some figures may not add due to rounding. 3/ 1986/87 crop. 4/ Apples, cherries, citrus fruit, grapes, guavas, lemons, limes, mangoes, nectarines, peaches, plums, pomegranates, and small fruits. 5/ Almonds, filberts, hazelnuts, macadamia nuts, walnuts, and pistachios. 6/ Less than 0.05 percent. | | | | | | | | | | |

3/ 1986/87 crop.

1/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates.

2/ Some figures may not add due to rounding.

4/ Tangerines, limes, tangelos, and temples.

5/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios.

6/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables Summary, NASS, USDA.

Table 99.--Fruit and edible tree nuts: Utilized production, by States, 1988 1/

| State | Noncitrus | | | | | | | | | | | Total | |
|----------------------|-----------|----------|----------|-------|--------------|---------|---------|-------|------------------|---------------|----------|-------------|-----------------|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 2/ | Quantity 3/ | Percent of U.S. |
| | | | Sweet | Tart | | | | | | | | | |
| --1,000 short tons-- | | | | | | | | | | | | | |
| Alabama | | | | | | 24.0 | 11.0 | | | | | 11.0 | 0.1 |
| Arizona | | | | | | 7.0 | | | | | | 24.0 | 0.2 |
| Arkansas | 5.0 | | | | | 5,485.0 | 10.0 | 302.0 | 698.1 | 0.6 | | 22.6 | 0.1 |
| California | 315.0 | 87.0 | 26.0 | 0.4 | | | 734.0 | 7.8 | | | 560.7 | 8,639.0 | 54.6 |
| Colorado | 32.5 | | | | | | 1.3 | 3.7 | | | | 44.4 | 0.3 |
| Connecticut | 23.5 | | | | | | 1.6 | 1.6 | | | | 26.4 | 0.2 |
| Delaware | 9.5 | | | | | | | | | | | 11.1 | 0.1 |
| Florida | | | | | | | | | | 62.5 | 27.0 | 89.5 | 0.6 |
| Georgia | 16.0 | | | | | 2.5 | 66.0 | | | | 700.0 | 84.5 | 0.5 |
| Hawaii | | | | | | | | | | | | 700.0 | 4.4 |
| Idaho | 67.5 | | 2.2 | | | | 5.6 | | 5.6 | | | 80.9 | 0.5 |
| Illinois | 21.0 | | | | | | 9.8 | | | | | 50.8 | 0.3 |
| Indiana | 25.5 | | | | | | 2.3 | | | | | 27.8 | 0.2 |
| Iowa | 4.5 | | | | | | | | | | | 4.5 | (7) |
| Kansas | 4.8 | | | | | | 1.9 | | | | | 6.6 | (7) |
| Kentucky | 4.8 | | | | | | 2.8 | | | | | 7.5 | 0.1 |
| Louisiana | | | | | | | 2.7 | | | 2.7 | | 5.4 | (7) |
| Maine | 45.0 | | | | | | | | | | | 45.0 | 0.3 |
| Maryland | 26.0 | | | | | | 4.9 | | | | | 30.9 | 0.2 |
| Massachusetts | 48.0 | | | | | | 1.1 | | | | | 144.6 | 0.9 |
| Michigan | 415.0 | | 28.0 | 90.0 | | 95.5 | 22.5 | 8.0 | 11.0 | 6.4 | | 633.9 | 4.0 |
| Minnesota | 6.3 | | | | | | | | | | | 6.3 | (7) |
| Mississippi | | | | | | | 1.8 | | | | | 1.8 | (7) |
| Missouri | 27.0 | | 1.9 | | | 3.3 | 7.0 | | | | | 37.3 | 0.2 |
| Montana | | | | | | | | | | | | 1.9 | (7) |
| New Hampshire | 27.5 | | | | | | | | | 1.6 | | 27.5 | 0.2 |
| New Jersey | 30.0 | | | | | 18.5 | 40.0 | | | | | 90.1 | 0.6 |
| New Mexico | 5.0 | | | | | | | | | | | 5.0 | (7) |
| New York | 455.0 | | 1.3 | 10.8 | | 157.0 | 6.9 | 17.3 | | 6.0 | | 654.2 | 4.1 |
| North Carolina | 175.0 | | | | | 3.2 | 15.0 | | | 2.3 | | 195.5 | 1.2 |
| Ohio | 47.5 | | | | | 8.9 | 3.0 | | | 3.7 | | 63.1 | 0.4 |
| Oklahoma | | | | | | | 13.0 | | | | | 13.0 | 0.1 |
| Oregon | 82.5 | | 60.0 | 2.0 | | 58.0 | 6.5 | 213.0 | 18.0 | 50.7 | | 440.4 | 2.8 |
| Pennsylvania | 260.0 | | 1.2 | 4.5 | | | 40.0 | 3.0 | | 2.8 | | 369.5 | 2.3 |
| Rhode Island | 2.8 | | | | | | | | | | | 2.8 | (7) |
| South Carolina | 18.0 | | | | | | | | | | | 163.5 | 1.0 |
| Tennessee | 5.5 | | | | | 0.5 | 145.0 | | | | | 10.0 | 0.1 |
| Texas | | | | | | | 4.5 | | | | | 8.1 | 0.1 |
| Utah | 19.5 | 1.0 | 1.9 | 4.8 | | | 5.4 | 2.0 | | | | 34.6 | 0.2 |
| Vermont | 21.5 | | | | | | | | | | | 21.5 | 0.1 |
| Virginia | 208.5 | | | | | | 13.5 | | | | | 222.0 | 1.4 |
| Washington | 1,950.0 | 6.1 | 62.0 | | | 182.0 | 25.0 | 310.0 | 13.5 | 11.1 | | 2,566.4 | 16.3 |
| West Virginia | 107.5 | | | | | | 10.0 | | | | | 117.5 | 0.7 |
| Wisconsin | 21.5 | | | 4.3 | | 72.5 | | | | 2.1 | | 100.4 | 0.6 |
| United States | 4,554.0 | 94.1 | 184.5 | 116.8 | | 5,984.4 | 1,229.5 | 860.6 | 746.2 | 583.5 | 1,287.7 | 15,842.1 | 100.0 |
| Continued-- | | | | | | | | | | | | | |

Continued--

Table 99--Fruit and edible tree nuts: Utilized production, by States, 1988 1/--Continued

| State | Citrus fruit 4/ | | | | Total all fruits | | | Total all fruit and nuts | | |
|-------|-----------------|------------|--------|----------|------------------|-----------------|--------|--------------------------|-----------------|--|
| | Oranges | Grapefruit | Lemons | Other 5/ | Total | | Pecans | Total | | |
| | | | | | Quantity 3/ | Percent of U.S. | | Quantity 3/ | Percent of U.S. | |
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1/ Preliminary. 2/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 3/ Some figures may not add due to rounding. 4/ 1987/88 crop. 5/ Tangerines, limes, tangelos, and temples. 6/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 7/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetable Summary, NASS, USDA.

Table 100--Fruit and edible tree nuts: Value of production, by States, 1988 1/

| State | Noncitrus | | | | | | | | | | | | Total | |
|-------------------|-----------|----------|----------|--------|--------------|-----------|---------|---------|------------------|---------------|----------|-----------|-------|-----------------|
| | Apples | Apricots | Cherries | | Cran-berries | Grapes | Peaches | Pears | Prunes and plums | Straw-berries | Other 2/ | Value 3/ | | Percent of U.S. |
| | | | Sweet | Tart | | | | | | | | | | |
| --1,000 dollars-- | | | | | | | | | | | | | | |
| Alabama | | | | | | 29,913 | 4,444 | | | | | 4,444 | 0.1 | |
| Arizona | | | | | | 2,103 | 2,997 | | | | | 29,913 | 0.6 | |
| Arkansas | 1,682 | | | | | 1,356,250 | 177,880 | | | 528 | | 7,310 | 0.1 | |
| California | 117,750 | 29,613 | 20,040 | 201 | | | 4,175 | 74,540 | | 388,998 | 381,614 | 2,763,271 | 55.9 | |
| Colorado | 7,141 | | | | | | 1,430 | 928 | | | | 12,445 | 0.3 | |
| Connecticut | 11,516 | | | | | | 660 | 832 | | | | 13,778 | 0.3 | |
| Delaware | 2,318 | | | | | | | | | | | 2,978 | 0.1 | |
| Florida | | | | | | | | | | 73,875 | 11,772 | 85,647 | 1.7 | |
| Georgia | 4,200 | | | | | 2,278 | 26,498 | | | | | 32,976 | 0.7 | |
| Hawaii | | | | | | | | | | | | 124,013 | 2.5 | |
| Idaho | 18,965 | | 2,040 | | | | 2,914 | | | | | 25,504 | 0.5 | |
| Illinois | 13,377 | | | | | | 4,680 | | | | | 18,057 | 0.4 | |
| Indiana | 8,978 | | | | | | 1,391 | | | | | 10,369 | 0.2 | |
| Iowa | 1,909 | | | | | | | | | | | 1,909 | (7) | |
| Kansas | 1,674 | | | | | | 1,369 | | | | | 3,043 | 0.1 | |
| Kentucky | 1,498 | | | | | | 1,540 | | | | | 3,038 | 0.1 | |
| Louisiana | | | | | | | 1,728 | | | 2,968 | | 4,696 | 0.1 | |
| Maine | 17,700 | | | | | | | | | | | 17,700 | 0.4 | |
| Maryland | 6,344 | | | | | | 1,850 | | | | | 8,194 | 0.2 | |
| Massachusetts | 21,660 | | | | | | 1,155 | | | | | 22,815 | 0.5 | |
| Michigan | 72,960 | | | | | | 8,028 | 2,055 | | 6,081 | | 250,284 | 5.0 | |
| Minnesota | 3,772 | | 18,395 | 42,240 | | 13,548 | | | | | | 51,072 | 0.1 | |
| Mississippi | | | | | | | | | | | | 928 | (7) | |
| Missouri | | | 1,042 | | | 1,011 | 3,150 | | | | | 13,456 | (7) | |
| Montana | 9,295 | | | | | | | | | | | 1,042 | 0.3 | |
| New Hampshire | 12,441 | | | | | | 19,524 | | | 2,310 | | 12,441 | (7) | |
| New Jersey | 7,220 | | | | | | | | | | | 45,741 | 0.9 | |
| New Mexico | 1,950 | | | | | | | | | | | 1,950 | (7) | |
| New York | 98,325 | | 1,210 | 4,835 | | 36,133 | 3,726 | 4,061 | | 8,772 | | 157,062 | 3.2 | |
| North Carolina | 27,855 | | | | | 1,057 | 5,010 | | | 2,263 | | 36,185 | 0.7 | |
| Ohio | 16,785 | | | | | 2,349 | 1,860 | | | 5,037 | | 26,031 | 0.5 | |
| Oklahoma | | | | | | | 6,448 | | | | | 6,448 | 0.1 | |
| Oregon | 19,860 | | 38,756 | 780 | | 6,915 | 3,657 | 60,709 | | 31,423 | | 164,626 | 3.3 | |
| Pennsylvania | 47,642 | | 1,512 | 2,301 | | 12,496 | 15,704 | 1,017 | | 5,572 | | 86,244 | 1.7 | |
| Rhode Island | 1,343 | | | | | | | | | | | 1,343 | (7) | |
| South Carolina | 4,365 | | | | | 197 | 53,592 | | | | | 58,154 | 1.2 | |
| Tennessee | 1,720 | | | | | | 2,673 | | | | | 5,793 | 0.1 | |
| Texas | | 380 | 1,505 | 1,826 | | | 5,748 | 768 | | | | 5,748 | 0.1 | |
| Utah | 4,860 | | | | | | 2,052 | | | | | 11,391 | 0.2 | |
| Vermont | 7,920 | | | | | | | | | | | 7,920 | 0.2 | |
| Virginia | 46,177 | | | | | | 3,981 | | | | | 50,158 | 1.0 | |
| Washington | 493,650 | | 60,918 | | | 44,601 | 9,660 | 90,208 | 2,521 | 6,838 | | 718,633 | 14.5 | |
| West Virginia | 20,350 | | | | | | 3,373 | | | | | 23,703 | 0.5 | |
| Wisconsin | 9,105 | | | 1,678 | | 64,380 | | | | 2,624 | | 77,787 | 1.6 | |
| United States | 1,144,287 | 34,155 | 145,418 | 53,861 | 178,861 | 1,501,936 | 383,825 | 235,118 | 225,391 | 537,289 | 517,399 | 4,957,540 | 100.0 | |

Continued...

Continued--

Table 100--Fruit and edible tree nuts: Value of production, by States, 1988 1/--Continued

| State | Citrus fruit 4/ | | | | Total all fruits | | | Total all fruit and nuts | | |
|-------|-----------------|------------|--------|----------|------------------|-----------------|-----------------|--------------------------|-----------------|-----------------|
| | Oranges | Grapefruit | Lemons | Other 5/ | Total | | Percent of U.S. | Total | | Percent of U.S. |
| | | | | | Value 3/ | Percent of U.S. | | Value 3/ | Percent of U.S. | |
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1/ Preliminary. 2/ Avocados, bananas, dates, figs, kiwifruit, nectarines, olives, papayas, pineapples, and pomegranates. 3/ Some figures may not add due to rounding. 4/ 1987/88 crop. 5/ Tangerines, limes, tangelos, and temples. 6/ Almonds, filberts (hazelnuts), macadamia nuts, walnuts, and pistachios. 7/ Less than 0.05 percent.

Sources: Noncitrus Fruit and Nuts Midyear Supplement, Citrus Fruit Summary, and Vegetables Summary, NASS, USDA.

Economic Impact of Consumer Health Concerns About Alar on Apples

by

Boyd M. Buxton¹

Abstract: Consumer health concerns over the use of Alar on apples had a major impact on Washington red delicious apple prices during the 1988/89 season. When the media coverage on Alar intensified, f.o.b. prices in Washington declined sharply, deviating from what would have been expected, given usual seasonal price movements. The revenue loss for the Washington red delicious apple industry for the 1988/89 season is estimated at about \$140 million. The f.o.b./retail price margin for red delicious apples rose, further exacerbating industry efforts to market the remaining apples in storage.

Keywords: Apple prices, food safety, seasonal prices, margins

Introduction

In late February 1989, media coverage intensified regarding the use of the chemical daminozide on apples (a growth regulator sold under the trade name Alar). The publicity raised consumer health concerns and adversely affected demand for apples, especially red delicious. Since the media coverage, the f.o.b. price for Washington red delicious apples at the Wenatchee shipping point fell from \$14 per tray pack to \$7.75 the last week in June.

Stocks of apples in storage were lower than the year before early in the 1988/89 season. However, apple shipments declined in March 1989 following the media coverage on Alar, slowing the rate of stock depletion. By June 1, 1989, there were 11 percent more apples in storage than a year earlier. The reversal in the stock position left the industry with more apples to market this year than last year before the next crop comes in. This situation makes any recovery in price very unlikely.

This article estimates (1) the impact of consumer health concerns on apple prices and gross industry revenue during the 1988/89 marketing season, and (2) the extent retail prices declined in response to lower f.o.b. prices, thereby helping to market the apples remaining in storage this season.

A Major Turn-around During the 1988/89 Apple Season

The record apple harvest of 1987 drove prices to extremely low levels for the entire 1987/88 season. The 1988 harvest was about 17 percent smaller and, with strong demand, the 1988/89 season looked like a good year for apple growers. Prices started the season in late September and October 1988

about 80 percent higher than the year before and remained quite strong until late February when newspaper, radio, and television coverage on the use of Alar on apples intensified. The U.S. price received by growers for all apples declined 11 percent from February to March and another 9 percent from March to April. By June the price was about 44 percent below the price immediately before the media coverage in late February.

Consumer fears about the safety of fresh produce generally were heightened when cyanide was discovered on two Chilean grapes in mid-March and the Food and Drug Administration halted imports of Chilean fruit. In early March, public school officials in New York City, Los Angeles, and several other areas announced that apples and apple products were being removed from school lunch menus.

In May 1989 the Environmental Protection Agency (EPA) increased its estimate of the proportion of apples treated with Alar from about 5 percent of the crop to as much as 15 percent. The EPA also decided to cancel the registration of Alar, having determined it to pose a significant health risk over a lifetime of exposure.

Major Impact on Red Delicious Apples

Regional apple prices indicate that the red delicious apple markets may have been most affected by heightened consumer concerns. The Washington shipping point price for extra fancy red delicious apples was about 44 percent lower for the week ending June 23 than for the week ending February 24. From the week of February 24 to April 21, red delicious apple prices declined 12 percent in the Appalachian region and 9 percent in Michigan. Most red delicious apples in storage were sold in the Appalachian region by the end of April and in Michigan by the end of May. Having marketed a large proportion of the crop in those regions helped moder-

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ate the impact of the heightened consumer concerns about Alar.

In contrast, New York McIntosh apple prices in the Lake Champlain region remained about the same, while Michigan McIntosh apple prices actually rose over 5 percent. Granny Smith apple prices remained strong.

Prices Usually Rise from Late February to Early September

To evaluate the effect consumer health concerns might have had on f.o.b. Washington red delicious apple prices during 1988/89, actual prices were compared to the expected prices that usually occur over a typical season.

The usual or typical seasonal price pattern was estimated by calculating a weekly seasonal f.o.b. price index for Washington red delicious apples at the Wenatchee shipping point. The seasonal index is estimated by removing from the actual price series trend, cyclical, and irregular price changes during January 1983 to March 1989. The index indicates that Washington red delicious apple prices usually drop rapidly at the beginning of the harvest season in late September and stay relatively low through January (figure A-1). Beginning in late January, prices usually rise until the next harvest season in September.

A "band of irregularity," drawn about the index, indicates the general confidence that can be given to the seasonal price movements. Actual prices over any particular season would be expected to follow the general pattern of the index and be within the band of irregularity two-thirds of the time. The narrower (wider) the band the more (less) likely the actual price will follow the estimated index over the season. The index of actual prices would be expected to fall below the band of irregularity less than 16 percent of the time.

The f.o.b. price for the last week in February 1989 (\$14 per 42.5-pound tray pack of Washington red delicious apples) was assumed to be equivalent to the estimated seasonal index of 96.6 for that week (the f.o.b. price during the last week of February is usually 96.6 percent of its centered 52-week moving average). Starting from that week, an index of the actual price was computed back to the beginning of the crop season (third week of September 1988). The index of actual prices since February was calculated going forward through June, the most recent prices available. From June through the second week of September 1989, an index was calculated assuming a projected f.o.b. price of \$7.75 per tray pack.

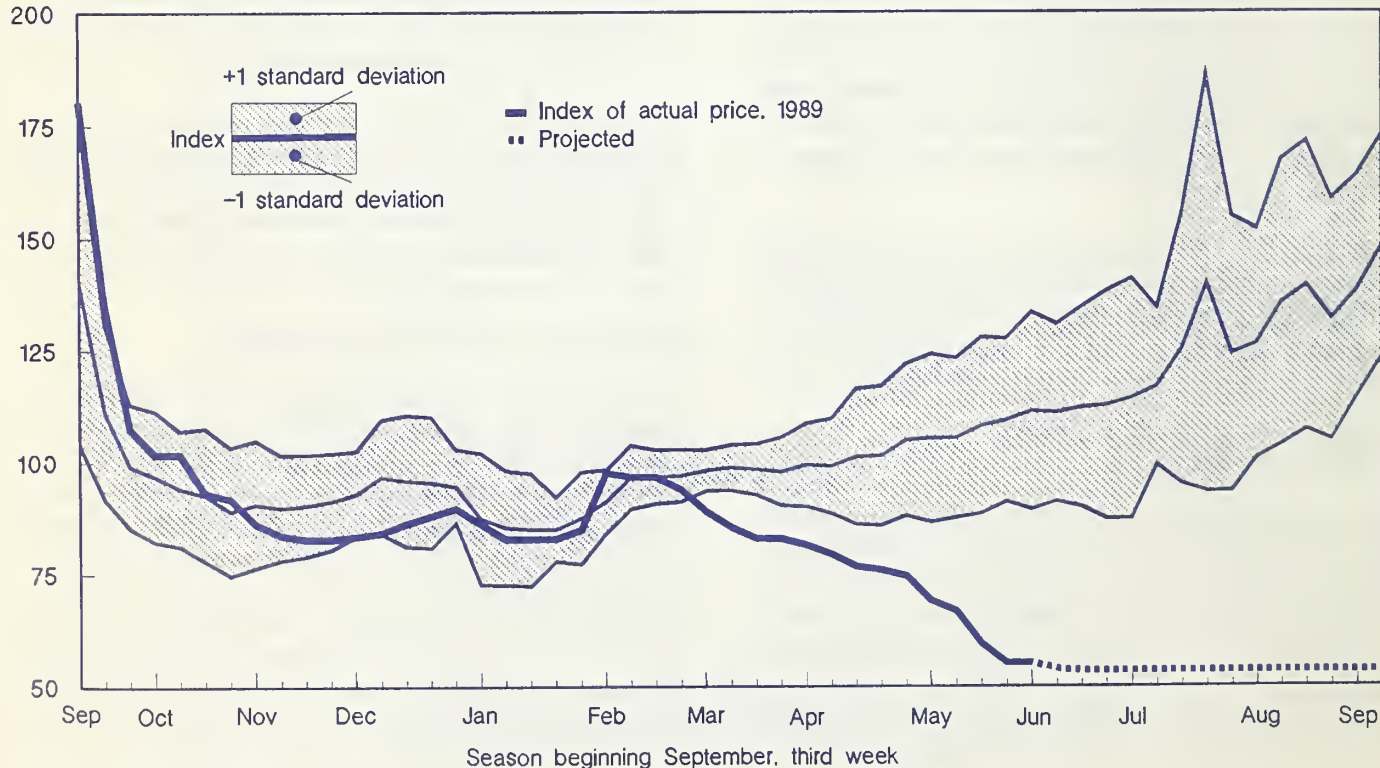
Prices Drop Sharply After Media Coverage

Comparing the index of actual weekly prices with the expected price from the beginning of the crop season to present indicates a sharp shift at the time the news media cover-

Figure A-1

Seasonal Price Index for Washington Red Delicious Apples

% of 52-week centered moving average
200



Index for 1983-88. F.o.b. prices.

age on Alar intensified. Before that, the index of actual prices generally followed the expected seasonal index and was within the band of irregularity (figure A-1). However, following the media coverage, the index of actual weekly prices dropped while the seasonal index suggested that prices should remain firm or show some strength. The price dropped below the band of irregularity by the week of March 10. Because there is less than a 16-percent chance that the index of the actual price would fall below the band of irregularity and the turning point occurred at essentially the same time the media coverage intensified, the model provides further evidence of the role of consumer concern in the declining red delicious apple prices this season.

Shipments Decline

Fresh shipments of all Washington apples had been running slightly above the year before during the 4 weeks prior to the last week of February (figure A-2, weeks 5 to 9). Compared with the year before, shipments dropped sharply during March, recovered some in April, then dropped again in May and June (figure A-2, weeks 9 to 23).

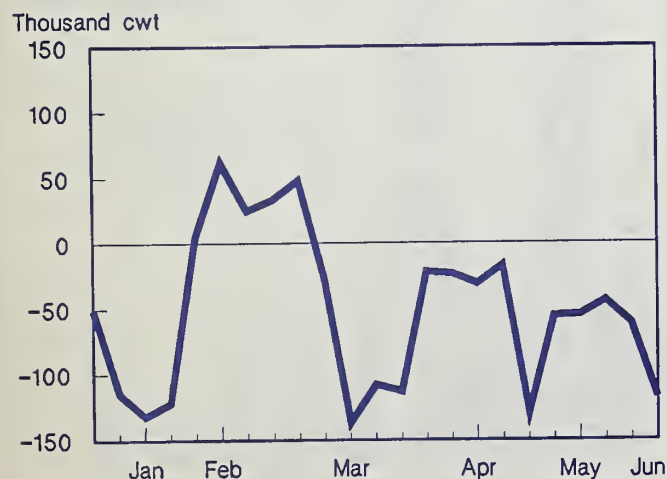
Total U.S. removals of apples from storage from January 1 to June 30, 1989, were 21 percent less or 2.92 billion pounds, compared with 3.70 billion a year earlier. However, shipments for the 1988/89 season would be expected to be below those in 1987/88 because of the smaller crop in 1988 than 1987.

Season Losses In Washington Could Reach \$140 Million

The price impact was felt primarily on the fresh market as prices for processing apples in Washington did not decline after the news media coverage on Alar.

If the fresh price per 42.5-pound tray pack of extra fancy Washington red delicious apples had followed the usual seasonal pattern after late February, it would have been about

Figure A-2
Change In Total Washington Apple Shipments, 1988 to 1989



\$1.50 higher during March, \$3.00 higher in April, \$5.50 higher in May, and over \$8.00 higher in June. Projecting the f.o.b. Washington red delicious price at \$7.75 per tray pack for the balance of the 1988/89 season, actual prices will be \$11 to \$12 lower than what would have been expected based on the first 5 months of the season (third week of September 1988 through the third week of February 1989).

Based on the deviation of actual prices from the expected prices beginning in late February through June and the projected price of \$7.75 per tray pack from June through the second week in September, the total revenue loss to the Washington apple industry is estimated at \$140 million.

The Washington f.o.b. price for red delicious apples rose from lows of around \$7.75 in late June to about \$10.00 by mid-July following the July 7 announcement that USDA would provide up \$15 million to purchase apples. The revenue loss for the 1988/89 season would be reduced to \$120 million, assuming the \$10.00 price holds for the balance of the season.

F.o.b./Retail Price Margin Widens

An important problem was how to market the apples remaining in storage in view of the adverse effect that concerns over Alar were having on consumer demand. The industry increased its advertising to help offset the adverse effect. However, retail prices did not reflect the full decline in f.o.b. prices.

A margin was calculated between the monthly retail prices for U.S. red delicious apples reported by the Bureau of Labor Statistics and the monthly f.o.b. Wenatchee, Washington, shipping point prices for red delicious apples (monthly prices calculated by taking a simple average of the weekly f.o.b. prices for that respective month). Results from January 1983 to May 1989 indicate that margins ranged from 15 to 25 cents per pound until the beginning of the 1986/87 season when they rose sharply to the 35- to 45-cent range (figure A-3). Generally the margin continued to widen from late 1987.

A simple regression between the monthly Washington f.o.b. and the U.S. retail prices for red delicious apples during January 1987 to May 1989 indicates that a 1-cent change in the f.o.b. price results in about a 0.75-cent change in the U.S. retail price.

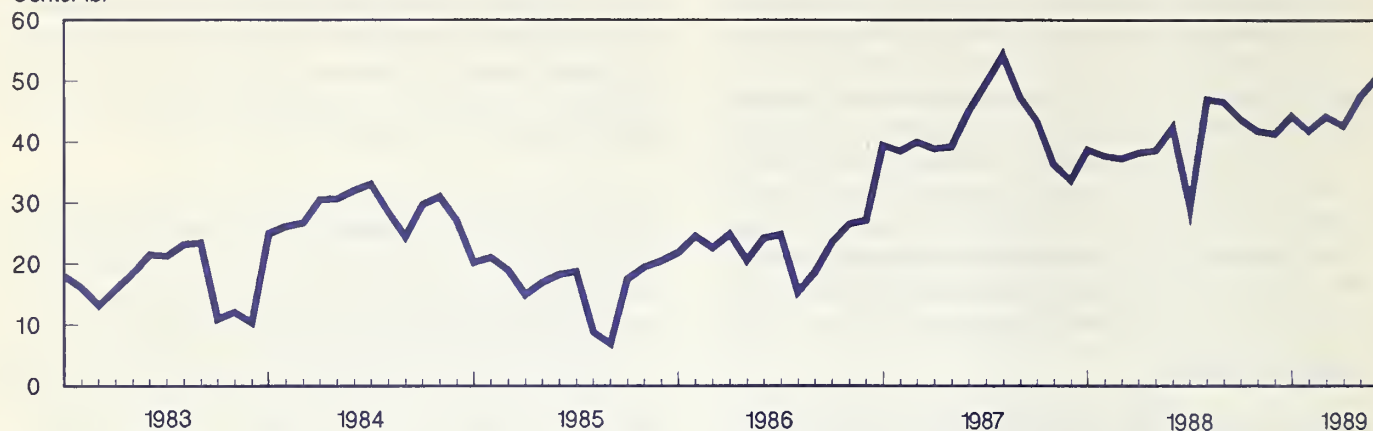
For June 1989 the margin was 50.7 cents per pound, up from 41.9 cents in February. Statistics in table A-1 indicate that the margins were about 9 cents per pound higher in June 1989 than in February 1989 and for the same month in the previous year.

The increase in margin has exacerbated the problem of marketing the remaining apples this season and put even more downward pressure on f.o.b. prices in Washington.

Figure A-3

Red Delicious Apple Margin

Cents/lb.



U.S. retail minus Washington f.o.b..

Table 1. Red delicious apple prices and margins

| Month/year | Washington f.o.b. 1/ dollars | U.S. Retail 2/ dollars | Washington f.o.b. 3/ --Cents/lb-- | Margin 4/ |
|------------|------------------------------------|------------------------------|---|-----------|
| Jan 1986 | 20.00 | 68.90 | 47.06 | 21.84 |
| Feb | 20.50 | 72.70 | 48.24 | 24.46 |
| Mar | 21.00 | 72.00 | 49.41 | 22.59 |
| Apr | 20.40 | 72.80 | 48.00 | 24.80 |
| May | 24.00 | 77.00 | 56.47 | 20.53 |
| Jun | 25.00 | 83.00 | 58.82 | 24.18 |
| Jul | 26.00 | 85.90 | 61.18 | 24.72 |
| Aug | 36.63 | 101.50 | 86.19 | 15.31 |
| Sep | 31.40 | 92.50 | 73.88 | 18.62 |
| Oct | 19.40 | 69.10 | 45.65 | 23.45 |
| Nov | 17.00 | 66.50 | 40.00 | 26.50 |
| Dec | 16.60 | 66.20 | 39.06 | 27.14 |
| Jan 1987 | 12.50 | 68.83 | 29.41 | 39.42 |
| Feb | 14.00 | 71.47 | 32.94 | 38.53 |
| Mar | 14.50 | 74.10 | 34.12 | 39.98 |
| Apr | 15.35 | 75.00 | 36.12 | 38.88 |
| May | 16.63 | 78.30 | 39.13 | 39.17 |
| Jun | 17.51 | 86.20 | 41.20 | 45.00 |
| Jul | 16.48 | 88.40 | 38.78 | 49.62 |
| Aug | 11.55 | 81.50 | 27.18 | 54.32 |
| Sep | 10.81 | 72.90 | 25.44 | 47.46 |
| Oct | 7.83 | 61.80 | 18.42 | 43.38 |
| Nov | 7.78 | 54.60 | 18.30 | 36.30 |
| Dec | 8.91 | 54.70 | 20.96 | 33.74 |
| Jan 1988 | 7.80 | 57.10 | 18.35 | 38.75 |
| Feb | 11.00 | 63.60 | 25.88 | 37.72 |
| Mar | 11.15 | 63.50 | 26.24 | 37.26 |
| Apr | 11.08 | 64.30 | 26.07 | 38.23 |
| May | 10.93 | 64.30 | 25.72 | 38.58 |
| Jun | 11.30 | 68.90 | 26.59 | 42.31 |
| Jul | 21.42 | 79.70 | 50.40 | 29.30 |
| Aug | 22.80 | 100.60 | 53.65 | 46.95 |
| Sep | 20.87 | 95.70 | 49.11 | 46.59 |
| Oct | 14.08 | 76.80 | 33.13 | 43.67 |
| Nov | 12.16 | 70.40 | 28.61 | 41.79 |
| Dec | 12.45 | 70.60 | 29.29 | 41.31 |
| Jan 1989 | 12.16 | 72.90 | 28.61 | 44.29 |
| Feb | 14.03 | 74.90 | 33.01 | 41.89 |
| Mar | 12.71 | 74.10 | 29.91 | 44.19 |
| Apr | 11.48 | 69.70 | 27.01 | 42.69 |
| May | 9.46 | 69.70 | 22.26 | 47.44 |
| Jun | 7.86 | 69.2 | 18.49 | 50.71 |

1/ Price per 42.5 pound tray pack, Washington red delicious apples, Wenatchee (simple average of weekly prices). Reported by Agricultural Marketing Service, USDA.

2/ Reported by Bureau of Labor Statistics. 3/ Price/42.5 pound tray pack converted to price per pound. 4/ U.S. retail minus Washington f.o.b. prices for red delicious.

Washington Red Delicious Apples: Fresh Market Prices and Spreads, 1980/81-88/89

by
Joan Pearrow *

Abstract: Between 1980/81 and 1988/89, retail prices and the grower-to-retail marketing spread for Washington red delicious apples rose significantly. The U.S. retail price for all red delicious apples increased 20.1 cents per pound, while the Washington average grower price for fresh market apples increased only 6.0 cents per pound. The growth in the grower-retail spread for three major marketing regions (Northeast, North Central, and West) averaged \$6.64 per 42-pound carton, with the spread widening from \$16.61 in 1980/81 to \$23.25 in 1988/89.

Keywords: Red delicious apples, market prices, and market spreads.

Washington, the largest U.S. apple producer, harvested 3.9 billion pounds of apples for commercial use during the 1988/89 marketing season (August-July). Most Washington apples are for fresh use. Washington's utilized production for fresh use averaged 48 percent of U.S. utilized production for the fresh market and 27 percent of total utilized production during 1980/81-88/89 (figure B-1). Production statistics by apple variety are not available. The "Washington Fruit Survey, 1986" reported red delicious acreage at 75 percent of Washington total apple acreage.

During 1980/81-87/88, apples ranked second in U.S. consumption of noncitrus fresh fruits, averaging 18.5 pounds per capita. Bananas were first, with 22.8 pounds, grapes and peaches came in third and fourth, averaging 5.8 and 4.8 pounds.

This article discusses the procedure for calculating price spreads and compares prices and spreads for Washington red

delicious apples sold in the fresh market during 1980/81-88/89.

Red Delicious Apples Priced at Four Levels

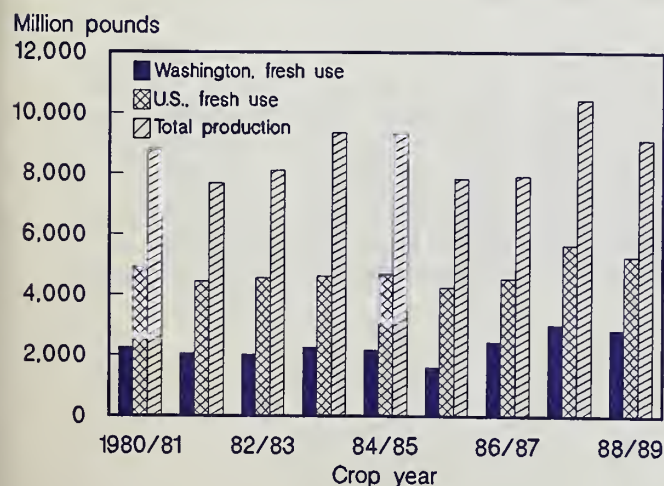
The prices and spreads presented in this article are for red delicious apples sold for fresh use in 42-pound cartons in the Northeast, North Central, and West marketing regions. Average prices are for the October-June marketing season. For this study, Washington red delicious apple (size 88-125, extra fancy) prices were available at the wholesale level and f.o.b. shipping point. Retail prices are for all red delicious apples and grower prices are for all Washington apples. The calculations to obtain season-average prices for each of the regions and the tri-region (average of the three marketing regions) for the four price levels are summarized in table B-1.

The retail value of a 42-pound carton of red delicious apples is the return to the retailer for salable apples (retail price per pound converted to price per carton and adjusted for a 4-percent loss during marketing). Retail prices used were reported monthly by the Bureau of Labor Statistics for the three marketing regions.

Wholesale prices used were the averages per carton of Washington red delicious apples sold in the New York City, Chicago, and Los Angeles wholesale markets on Monday, Tuesday, or Wednesday of the first full week of the month. F.o.b. shipping point prices used are per-carton averages that shippers received during the first full week of the month. Washington grower price is the season average per pound received at the packinghouse door and converted to a 42-pound basis. Wholesale and f.o.b. shipping point prices are reported by the Agricultural Marketing Service, USDA, and grower prices are reported by the National Agricultural Statistics Service, USDA.

Season average retail, wholesale, and f.o.b. shipping point prices for each marketing area are calculated by weighing the monthly average prices by the monthly arrivals of all

Figure B-1
Utilized Apple Production



*Statistical Assistant, Commodity Economics Division, Economic Research Service, USDA.

Table B-1--Prices used to calculate spreads for fresh Washington red delicious apples, by region and tri-region season averages 1/

| Price level | Season average price calculations 2/ | | | |
|-----------------------|---|---|---|----------------------------|
| | Northeast | North Central | West | Tri-region |
| Grower | Season average prices at packing-house door for Washington apples, all varieties. 3/ | Season average prices at packing-house door for Washington apples, all varieties. 3/ | Season average prices at packing-house door for Washington apples, all varieties. 3/ | Simple average of regions. |
| F.o.b. shipping point | Washington red delicious extra fancy apples at Wentachee (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at New York City. 4/ | Washington red delicious extra fancy apples at Wentachee (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at Chicago. 4/ | Washington red delicious extra fancy apples at Wentachee (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at Los Angeles. 4/ | Simple average of regions. |
| Wholesale | Washington red delicious extra fancy apples at New York City (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at New York City. 4/ | Washington red delicious extra fancy apples at Chicago (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at Chicago. 4/ | Washington red delicious extra fancy apples at Los Angeles (price for first full week of month). 4/ Weighted by monthly arrivals of all Washington apples at Los Angeles. 4/ | Simple average of regions. |
| Retail value 5/ | Monthly price of all red delicious apples in the Northeast. 6/ Weighted by monthly arrivals of all Washington apples at New York City. 4/ | Monthly price of all red delicious apples in the North Central. 6/ Weighted by monthly arrivals of all Washington apples at Chicago. 4/ | Monthly price of all red delicious apples in the West. 6/ Weighted by monthly arrivals of all Washington apples at Los Angeles. 4/ | Simple average of regions. |

1/All prices expressed or converted to 42-pound carton. 2/Grower season average price (August-July), other season average prices (October-June). 3/Reported by National Agricultural Statistics Service, USDA. 4/Reported by Agricultural Marketing Service, USDA. 5/Retail price adjusted to allow for 4 percent loss incurred during marketing. 6/Reported by Bureau of Labor Statistics, U.S. Dept. of Labor.

Washington apples to New York City for the Northeast, Chicago for the North Central region, and Los Angeles for the West. When a monthly price is not available, that month is excluded from the season average. Grower prices are season-average prices and reported annually.

The grower-shipping point spread includes packing, storing, and selling costs and is derived by subtracting the grower price from the f.o.b. shipping point price. Transportation costs from the shipping point to the wholesale market and wholesaling costs by primary wholesalers in the market comprise the shipping point-wholesale spread (wholesale price minus the f.o.b. shipping point price). The wholesale-retail spread is the retail price less the wholesale price. This spread represents payment received by retailers, intracity

transporters, and secondary wholesalers (wholesalers who buy from local wholesale handlers and resell to other wholesalers, such as jobbers).

Prices Trend Upward

Since 1980/81, prices at each pricing level have generally trended upward. Heavy plantings in the late seventies and early eighties produced a record 1987/88 crop, forcing prices down. Drought and tree stress then reduced production and pushed prices back up in the fall and winter of 1988/89. After consumer concerns about Alar residues on apples and apple products intensified in late February, apple prices decreased to a lower season average than had been expected.

The U.S. season average retail price for red delicious apples advanced from 56.7 cents per pound in 1980/81 to 76.8 cents through June in 1989. The season average price for the record 1987/88 crop dropped 14.2 cents, but resumed its upward trend with the smaller 1988/89 crop. Retail prices during the survey period were generally lowest October through December and highest in the summer months. The November 1987 average price of 54.6 cents per pound was the lowest average monthly price since March 1983. Monthly average prices rose to over \$1.00 in August 1986 and August 1988 (table B-2).

During the survey period retail value increased more than wholesale, f.o.b. shipping point, or grower prices, rising \$12.22 per carton in the Northeast, \$8.95 in the North Central region, and \$6.33 in the West. The grower price increased the least, \$2.52 per carton. For the tri-region, the wholesale price increase averaged \$5.03 and the f.o.b. shipping point price rose \$2.80 per carton (table B-3).

During 1980/81-88/89, truck rates for transporting a carton of apples from Central Washington to Los Angeles averaged \$1.48, to Chicago \$2.19, and to New York \$3.26 (table B-4). Retail value and wholesale prices were lowest in the West, reflecting lower transportation costs due to the shorter shipping distance. For the tri-region, the retail value averaged \$25.88 per carton, the wholesale price \$16.73, the f.o.b. shipping point price \$12.11, and the grower price \$5.88.

Wholesale-Retail Spread Comprises the Largest Share of Retail Value

Grower price and three spreads (grower-shipping point, shipping point-wholesale, and wholesale-retail) comprise retail value. The shares for each were similar for the three regions. The wholesale-retail spread accounted for the largest share of retail value, 38 percent for the North Central region and 34 percent for both the Northeast and Western regions. The grower-shipping point spread provided the second largest share, followed by grower price. The shipping point-wholesale share was the smallest, averaging 18 percent for the tri-region (figure B-2).

Grower-to-Retail Spread Widens

The grower-to-retail spread for the tri-region increased from \$16.61 per carton in 1980/81 to \$23.25 in 1988/89. In the Northeast the grower-retail spread increased 58 percent, or \$9.70 per carton. The spread increased 37 percent or \$6.43 in the North Central region, and 25 percent or \$3.81 in the West.

For the Northeast and North Central regions, the largest increase in the grower-retail spread appeared in the whole-sale-retail spread, which rose \$6.55 and \$5.18 per carton, respectively. For the West, the largest increase appeared in the shipping point-wholesale spread (\$2.93) (table B-3).

During the survey period, the wholesale-retail spread trended upward from an average of \$8.32 per carton in 1980/81 to \$12.45 in 1988/89 for the tri-region (figure B-3). However, in 1987/88 the spread decreased \$1.95 in the West but continued to rise in the other two regions. Arrivals of Washington apples in Los Angeles are traditionally larger than in New York City and Chicago. During the 1987/88 marketing season, arrivals of Washington apples in Los Angeles increased about 30 percent from a year earlier, in New York City about 20 percent, and decreased about 3 percent in Chicago. In addition, the 1987/88 Washington red delicious crop produced smaller apples, which normally bring lower prices. Thus, the large increase of arrivals in Los Angeles, combined with small apples, contributed to a larger decrease in retail value in the West that influenced the spread.

Since 1980/81, the shipping point-wholesale spread increased \$0.97 in the North Central region, \$2.93 in the West, and \$2.81 in the Northeast, averaging \$2.24 for the tri-region. Packing, storing, and selling costs increased \$0.28 on average (figure B-3).

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Table B-2--U.S. red delicious apples: Retail prices by month and season average, 1980/81-88/89

| Season | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Average |
|-----------------|-------|-------|------|------|------|------|------|------|------|------|------|------|---------|
| Cents per pound | | | | | | | | | | | | | |
| 1980/81 | 80.7 | 70.2 | 57.0 | 49.6 | 50.3 | 51.2 | 50.4 | 52.5 | 52.9 | 53.1 | 54.6 | 57.7 | 56.7 |
| 1981/82 | 66.2 | 63.0 | 56.5 | 58.2 | 61.7 | 63.9 | 64.5 | 64.8 | 63.0 | 66.7 | 72.2 | 73.3 | 64.5 |
| 1982/83 | 68.3 | 62.7 | 58.0 | 53.7 | 55.6 | 54.5 | 53.8 | 53.2 | 55.9 | 58.4 | 61.5 | 62.2 | 58.2 |
| 1983/84 | 67.3 | 70.7 | 57.4 | 56.2 | 56.8 | 57.9 | 60.8 | 64.0 | 64.4 | 64.5 | 68.2 | 71.2 | 63.3 |
| 1984/85 | 73.2 | 71.7 | 63.5 | 65.1 | 63.6 | 65.4 | 67.6 | 67.7 | 69.5 | 71.0 | 72.3 | 72.1 | 68.6 |
| 1985/86 | 70.5 | 67.1 | 63.9 | 66.5 | 67.5 | 68.9 | 72.7 | 72.0 | 72.8 | 77.0 | 83.0 | 85.9 | 72.3 |
| 1986/87 | 101.5 | 92.5 | 69.1 | 66.5 | 66.2 | -- | -- | 74.1 | 75.0 | 78.3 | 86.2 | 88.4 | 79.8 |
| 1987/88 | 81.5 | 72.7 | 61.8 | 54.6 | 54.7 | 57.1 | 63.6 | 63.5 | 64.3 | 64.3 | 68.9 | 79.7 | 65.6 |
| 1988/89 | 100.6 | 95.7 | 76.8 | 70.4 | 70.6 | 72.9 | 74.9 | 74.1 | 69.7 | 69.7 | 69.2 | -- | 76.8 |

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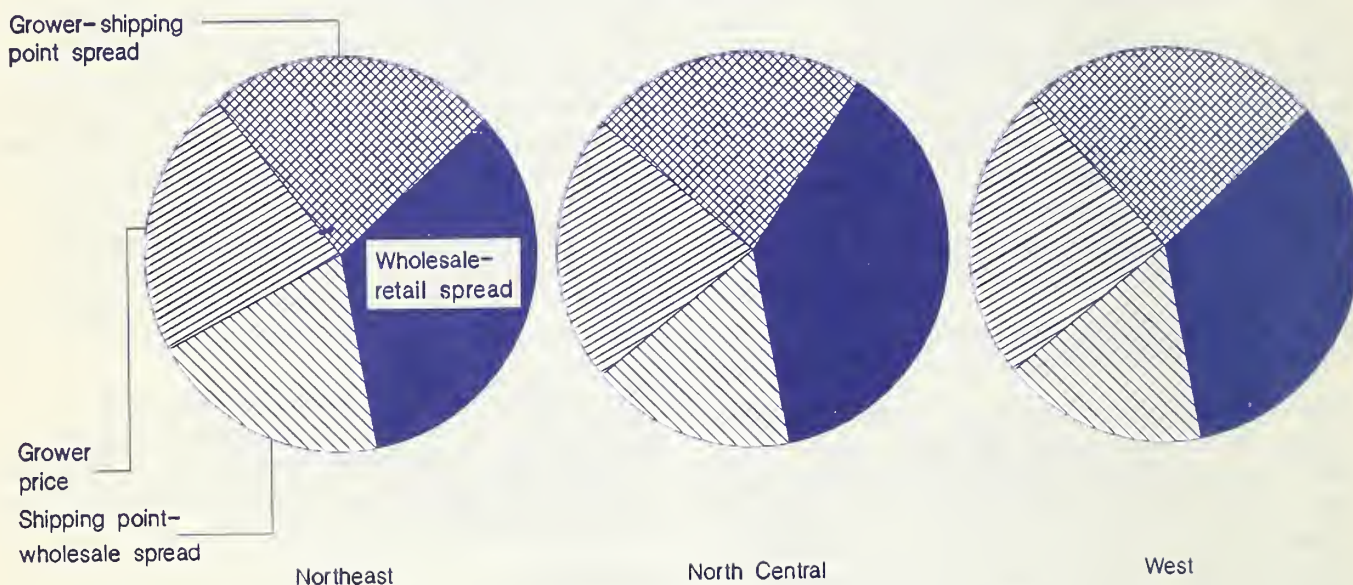
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Figure B-2

Shares of the Retail Value of Washington Red Delicious Apples

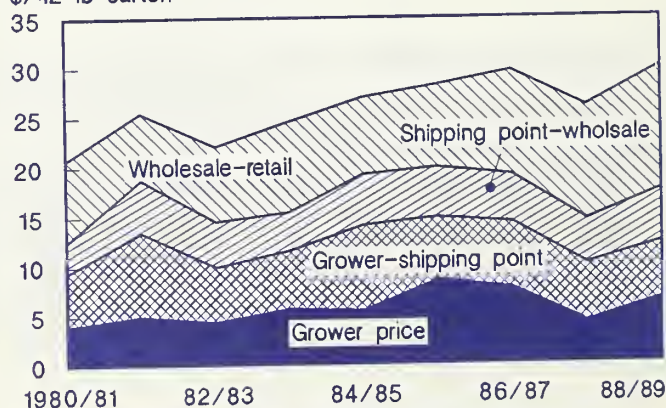


1980/81-1988/89 average.

Figure B-3

Price Spreads for Washington Red Delicious Apples

\$/42-lb carton



Tri-region average (Northeast, North Central, and West). Grower prices
are for August/July; others are for October/June.

Table B-3--Average prices and marketing spreads for Washington red delicious apples, by region, 1980/81-88/89

| Region and season (Oct.-June) | Retail value | Prices | | | Spreads | | |
|--|-----------------|-----------|-----------------------------|--------|----------------------|---------------------------------|------------------------------|
| | | Wholesale | F.o.b. shipping point | Grower | Wholesale- retail | Shipping point- wholesale | Grower- shipping point |
| \$ /per 42-pound carton | | | | | | | |
| Northeast | | | | | | | |
| 1980/81 | 20.74 | 12.92 | 9.27 | 4.07 | 7.82 | 3.65 | 5.20 |
| 1981/82 | 24.85 | 18.86 | 13.36 | 5.63 | 5.99 | 5.50 | 7.73 |
| 1982/83 | 22.15 | 15.93 | 9.90 | 4.49 | 6.22 | 6.03 | 5.41 |
| 1983/84 | 25.25 | 15.78 | 11.31 | 5.80 | 9.47 | 4.47 | 5.51 |
| 1984/85 | 27.24 | 20.76 | 14.11 | 5.59 | 6.48 | 6.65 | 8.52 |
| 1985/86 | 28.69 | 20.47 | 14.72 | 8.57 | 8.22 | 5.75 | 6.15 |
| 1986/87 | 29.75 | 19.21 | 14.18 | 7.81 | 10.54 | 5.03 | 6.37 |
| 1987/88 | 27.42 | 14.04 | 9.88 | 4.37 | 13.38 | 4.16 | 5.51 |
| 1988/89 | 32.96 | 18.59 | 12.13 | 6.59 | 14.37 | 6.46 | 5.54 |
| North Central | | | | | | | |
| 1980/81 | 21.68 | 13.00 | 9.27 | 4.07 | 8.68 | 3.73 | 5.20 |
| 1981/82 | 26.38 | 18.93 | 13.41 | 5.63 | 7.45 | 5.52 | 7.78 |
| 1982/83 | 22.62 | 13.43 | 9.80 | 4.49 | 9.19 | 3.63 | 5.31 |
| 1983/84 | 25.94 | 15.48 | 11.78 | 5.80 | 10.46 | 3.70 | 5.98 |
| 1984/85 | 28.01 | 17.62 | 13.97 | 5.59 | 10.39 | 3.65 | 8.38 |
| 1985/86 | 27.17 | 19.68 | 14.55 | 8.57 | 7.49 | 5.13 | 5.98 |
| 1986/87 | 29.97 | 19.08 | 14.27 | 7.81 | 10.89 | 4.81 | 6.46 |
| 1987/88 | 27.67 | 14.79 | 9.92 | 4.37 | 12.88 | 4.87 | 5.55 |
| 1988/89 | 30.63 | 16.77 | 12.07 | 6.59 | 13.86 | 4.70 | 5.48 |
| West | | | | | | | |
| 1980/81 | 19.62 | 11.17 | 9.30 | 4.07 | 8.45 | 1.87 | 5.23 |
| 1981/82 | 24.92 | 18.22 | 13.21 | 5.63 | 6.70 | 5.01 | 7.58 |
| 1982/83 | 21.28 | 13.93 | 9.89 | 4.49 | 7.35 | 4.04 | 5.40 |
| 1983/84 | 22.27 | 14.92 | 11.33 | 5.80 | 7.35 | 3.59 | 5.53 |
| 1984/85 | 25.35 | 18.89 | 13.90 | 5.59 | 6.46 | 4.99 | 8.31 |
| 1985/86 | 28.55 | 19.30 | 14.97 | 8.57 | 9.25 | 4.33 | 6.40 |
| 1986/87 | 29.00 | 18.80 | 14.38 | 7.81 | 10.20 | 4.42 | 6.57 |
| 1987/88 | 22.66 | 14.41 | 10.05 | 4.37 | 8.25 | 4.36 | 5.68 |
| 1988/89 | 25.95 | 16.83 | 12.03 | 6.59 | 9.12 | 4.80 | 5.44 |

Season averages are derived by weighting monthly price data by monthly arrivals.

Table B-4--Red delicious apples: Truck rates per season and region, 1980/81-88/89

| Season (Oct.-June) | Regions | | | Average Tri-region |
|-------------------------|------------|---------------|------|-----------------------|
| | North-east | North Central | West | |
| \$ /per 42-pound carton | | | | |
| 1980/81 | 3.25 | 2.06 | 1.50 | 2.27 |
| 1981/82 | 3.19 | 2.78 | 1.33 | 2.43 |
| 1982/83 | 3.23 | 2.09 | 1.47 | 2.26 |
| 1983/84 | 3.27 | 2.18 | 1.35 | 2.27 |
| 1984/85 | 3.20 | 2.10 | 1.41 | 2.24 |
| 1985/86 | 3.20 | 2.09 | 1.48 | 2.26 |
| 1986/87 | 3.30 | 2.17 | 1.56 | 2.34 |
| 1987/88 | 3.34 | 2.10 | 1.57 | 2.34 |
| 1988/89 | 3.33 | 2.15 | 1.62 | 2.36 |

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